e Itliming Donna

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

[The MINING JOURNAL is Registered at the General Post Office as a Newspaper, and for Transmission Abroad.]

No. 2610.—Vol. LV.

LONDON, SATURDAY, AUGUST 29, 1885.

PRICE SIXPENCE.
BY POST, £1 4s. PER ANNUM.

R. JAMES H. CROFTS, STOCK AND SHARE BROKER, No. 1, FINCH LANE, CORNHILL, LONDON, E.O. ESTABLISHED 1842.

USINESS transacted in all descriptions of MINING STOCKS and ARES (British and Foreign), Consols, Banks, Bonds (Foreign and Colo-D., Rallways, Insurance, Assurance, Telegraph, Transway, Shipping, as, Gas, Water, and Dock Shares, and all Miscellaneous Shares. USINESS negotiated in STOCKS and SHARES not having a general rick value.

rket value. Brery week a GENERAL and RELIABLE LIST issued (a copy of which it be forwarded on application), containing closing prices.

MINES INSPECTED.
SEERS: CITY BANK, London—SOUTH CORNWALL BANK, St. Austell. TELEPHONE NUMBER 1003.

ECIAL DEALINGS in the following (or part): Akankoo, f. paid.
Almada (New), 3s.
Bedford United, 12s 6
Balkis, 9d.
Birdseye, 25s.
Bratsberg, 13s. 6d.
Cankim Bamoo, 1s.
Carn Camborne, 3s. 6d.

was the ment of the control of the c

TELEPHONE NUMBER 1003.

TELEPHONE NUMBER 1003.

**THE NU Birdseye, 259.
Bratsberg, 13a. 6d.
Cankim Barmoo, 14.
Can Camborne, 3s. 6d.
Calkim Biamoo, 15.
Cantago, f. pd., 3s.
Colom. Hyd., 10s.
Cape Gopper, £28.
California, 2s. 6d.
Colorado, £2 16s.
Canada Copper, 3s.
Chontales, 2s. 6d.
De Beer's, 4½.
Denver, 6d.
Devala Moyar, 3s.
Devon Oon., £2 8g. 9d.
Devon Friend, 1s.
Dolcoath, £73.
Don Pedro, 17s. 6d.
paid.
Last Blue Hills, 25s
Eberhardt, 3s. 6d.
East Lovell.
Eaton, 18s. 9d.
Ei Caliso, £54.
Frontino, 14s.
Frongoch, 8s. Frontino, 149. Frongoch, 8s. Goginan, 1s. 3d. Gold Coast, 1s Gold Hill, 1s. 9d. Glenrock, 3s. 6d. Green Hurth.

JAMES H. OROFTS, 1, FINOH LANE, LONDON.

TOME RAILWAYS - SPECIAL BUSINESS .- Fortnightly JAMES H. CROFTS, 1, FINCH LANE, LONDON.

OREIGN BONDS.—FORTNIGHTLY ACCOUNTS OPENED on RECEIPT of the USUAL COVER.
ARGENTINE.
EGYPTIAN UNIFIED.
ITALIAN,
MEXICAN,
FORTUGUESE.

PERU,

1 bes

ADE

SPECIAL BUSINESS in the above Stocks JAMES H. CROFTS, 1, FINCH LANE, LONDON.

MERICAN, CANADIAN, AND FOREIGN RAILS-SPECIAL JAMES H. CROPTS, 1, FINCH LANE, LONDON.

ANK, OMNIBUS, TRAMWAY, GAS, WATER, and CANAL

BUSINESS in all the above, and fortnightly accounts opened.

JAMES H. CROFTS, 1, FINCH LANE, LONDON. ISCELLANEOUS SHARES of all DESCRIPTIONS BOUGHT

SUBLIANEOUS SHARES OF All DESCRIPTIONS E OF BOLD, SPECIAL BUSINESS in:

AQUARIUM.

HOTEL.

And other COMMERCIAL OF INDUSTRIAL SHARES,

JAMES H. CROFTS, 1, FINCH LANE, LONDON.

NS in all STOCKS and SHARES dealt in.-JAMES H. CROFTS, 1, FINCH LANE, LONDON.

DIAMOND SHARES OF SOUTH AFRICA.—
ADAMANT DIAMOND.
ANGLO AFRICAN.
DE BEER'S.
FRENCH AND D'ESTERRE
BUSINESS in the ABOVE at CLOSE MARKET PHICES for USUAL FORTBRARES BOLD for FORWARD DELIVERY (ONE, TWO, of THREE MONTHS) on DEFOSIT of TWENTY FER CENT.

JAMES H. CROFTS. 1. FINCH LANE, LONDON.

JAMES H. CROFTS, 1, PINCH LANE, LONDON.

SCHWAB'S GULLY DIAMOND SHARES.

DE BEER'S DIAMOND SHARES.

BPECIAL BUSINESS in the above, either for CURRENT SETTLEMENT or
FORWARD DELIVERY (one, two, or three months), on DEPOSIT of
TWENTY PER CENT. CHWAB'S JAMES H. CROFTS, 1, FINOH LANE, LONDON.

THE RISE IN LEAD—LEAD SHARES—SPECIAL BUSINESS.

Great Holway. Great Laxey. Green Hurth. Holywell District. Leadhills. Roman Gravels. South Darren. Van. Weardale. Shares in the above for sale either for CURRENT SETTLEMENT or for PORWARD DELIVERY (one, two, or three months), on DEPOSIT OF JAMES H. CROFTS, 1, FINCH LANE, LONDON.

OLD AND SILVER MINES.—INDIAN, NORTH AMERICAN, BOUTH AMERICAN, WEST AFRICAN, BOUTH AFRICAN, and MEXICAN Mining Shares.

BUSINESS as BUYER or SELLER in all the above.

Shares Sold for Fortnightly Account.

Shares Sold for Forward Delivery (one, two, or three months) on deposit of twenty per cent.

JAMES H. CROFTS, STOCK AND SHARE BROKER, AND MINING SHARE DEALER, No. 1, FINCH LANE, LONDON, E.C. ESTABLISHED 1842 LONDON BANKERS,-THE CITY BANK.

BRITISH AND FORIEGN MINING OFF CES.

MESSES. PETER WATSON AND CO.J. 18. AUSTIN FRIARS, OLD BROAD STREET, LONDON, E.C.,

BANKERS: THE ALLIANCE BANK (Limited).

MESSES. PETER WATSON AND CO.'S
BRIT19H AND FOREIGN MONTHLY MINING NEWS-STOCK
AND SHARE INVESTMENT NOTES — MINES, MINERALS. AND
METAL MARKETS — SHARE LIST, No. 880, Vol. XVII., for AUGUST
month, will shortly be ready, and will be sent to customers on application.

Annual Subscription..... 5s. | Single Copy......

M. ALFRED E. COOKE, STOCK AND SHARE DEALER, 3, GEORGE YARD, LOMBARD STREET, E.C.

ESTABLISHED 1853. (NEARLY 19 YEARS IN OLD BROAD STREET.) TELEPHONE No. 10,338.

MINING SHARES SYNDICATE.—In order to suit the convenience of many Investors in MINING SHARES, MR. ALFRED E. COOKE has decided to open a SYNDICATE for operations in BRITISH or FOREIGN MINES. No commission will be charged. The SYNDICATE will be closed, if possible within a month. Fully Paid Shares are £5 each, and any number of shares from 1 to 100 may be applied for. Remittances should be sent not latter than next WEDNESDAY MORNING.

Mr. ALFRED E. COOKE, 3, GEORGE YARD, LOMBARD STREET, LONDON.

(ESTABLISHED 1853.)

STOCK EXCHANGE SYNDICATE.—At the request of clients, Mr ALFRED E. COOK has decided to open a SYNDICATE for conducting speculative operations in English Rails. Foreign Stocks, &c. No commission will be charged. FULLY PAID SHARES are £5 each. Any number of shares from 1 to 100 may be applied for. REMITTANDES for this SYNDICATE should be made not later than TUESDAY MORNING next. The SYNDICATE will, if possible be closed before the MID-SEPTEMBER SETTLEMENT. Each subscriber will be advised of the business done.

BUSINESS TRANSACTED at CLOSEST CURRENT PRICES, FREE of COMMISSION, in all STOCK EXCHANGE SECURITIES either for SPECULATION or INVESTMENT.

ALFRED E. COOKE, 3, GEORGE YARD, LOMBARD STREET, LONDON. ESTABLISHED 1853.

BANKERS: ROYAL EXCHANGE (Limited), London

M. B. JAMES STOCKER, STOCKER, STOCKER, LONDON, E.C. Has Special Business in the following for cash or settlement by arrangement free of commission:—

90 Glenrock, 40 Great Holway. 30 Great Laxey. 60 Home Mines, 60 Hoover Hill. 100 Ind. Consolidated. 40 Killifreth. 50 Kobinoor. 100 Ooregum, 45 Organos. 35 Oscar Gold. 40 Panulcillo. 80 Potosi (New). 45 Polberro. 50 Prince of Wales. 30 Richmond. Almada. Akankoo, Balkis. Bratsberg. 60 Cartago. 100 Californian. 80 Callao Bis. 45 Carn Cambo 75 Chile Gold. 30 Richmond.
70 Ruby.
30 Rio Tinto.
20 Schwah's Gully.
70 Silver Queen.
80 Transvaal Gold.
2 Tolima A.
40 Tolima B. La Plata. 30 Leadhills
80 Lisbon-Berlyn.
30 La Trinidad.
40 Montana.
60 Mounts Bay.
50 Mysore Gold.
65 New Callao. Chontales. Colombian Copper Qu Colorado. 55 Universely of the second of 30 Trevaunance. 25 United Mexican. 40 Van. 50 Victoria Gold. 30 Wheal Crebor. New Callao.
Nouveau Monde.
Nundydroog.
New Emma.
Old Shepherds.

55 Frontino. 80 Orita.
The following SHARES WANTED for CASH:—
75 Montana. 150 Colombian.
50 Nundydroog. 4J Bratsberg.
Railways, Foreign Bonds, Gold and Silver Minerali Stock Exchange Securities. 100 Frontino. 80 Prince of Wales. Miscellaneous Shares, and 150 Colombian, 100 40 Bratsberg, 80 eign Bonds, Gold and Silver Mines, Misc

ESTABLISHED 1851.
BANKERS: LONDON AND WESTMINSTER.

LENN AND CO. (LIMITED).

BANKERS, and DEALERS in STOCKS and SHARES.
CIRCULAR POST FREE ON APPLICATION.
IT CONTAINS the latest prices of Stocks and Shares, and also shows at a glance
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IT CONTAINS a List of Selected Investments paying from 5 to 20 per cent. per IT CONTAINS a List of Stocks and Shares "Wanted" and "for Sale."

SPECIAL DEALINGS in La Trinidad (Limited), Silver Queen United (Limited), Home Mines Trust, and other popular Investments.

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BEAZLEY AND CO., STOCK AND SHABE DEALERS, 6 AND 7, COLEMAN STREET, LONDON, E.C. ESTABLISHED 28 YEARS.

BRITISH and FOREIGN MINE SHARES not quoted below BOUGHT and SOLD at CLOSE MARKET PRICES.

ALL BUSINESS DONE AT NET PRICES FOR CASH, ACCOUNT, OR FORWARD DELIVERY.

SELLERS and BUYERS should send FIRM ORDERS at once.

CLOSING PRICES, FRIDAY, 28TH AUGUST, 4P.M.

Buyers. Bellers. Buyers. Sellers.

Mysore My ... £ 0 3 ... 0 13 ... 0 0 Almada.. Bratsberg... Balkis Callao Bis... California

CASH PURCHASES. — SPECIAL FACILITIES for IMME-DIATE SETTLEMENT and DELIVERY of SHARES. Shares supplied for FORWARD DELIVERY on BEST POSSIBLE TERMS. BEAZLEY AND CO., 6 AND 7, COLEMAN STREET, LONDON, E.C.

M ETALS—FRIDAY, 4 P.M.—TIN, £91 7s. 6d. to £91 17s. 6d.; COPPER, £42 10s. 0d. to £42 17s. 6d.; IRON, 41s 6d.; LEAD, £11 12s. 6d. BEAZLEY AND CO., 6 AND 7, COLEMAN STREET, LONDON, E.C.

MR. WILLIAM H. BUMPUS, STOCK BROKER AND MINING SHARE DEALER, 44, THREADNEEDLE STREET, LONDON, E.C. [Established at this Address in 1867.]

BUSINESS transacted in ALL STOCK EXCHANGE SECURITIES, MINING and MISCELLANEOUS SHARES of every description. An INVESTMENT LIST free on application.

An INVESTMENT LIST free on application.

SPECIAL BUSINESS in the undermentioned:—
1007 Åkankoo, 3s. 9d.
50 Aimada.
150 Balkis, 9d.
70 Brataberg, 149.
200 Chontales, 3s.
210 Indian Cons., 4s.
250 Copiano, £2½.
250 Copiano, £2½.
200 Kohinoro B, 2s. 9d.
250 Copiano, £2½.
200 Kohinoro B, 2s. 9d.
2

Where prices are not inserted offers may be made.

WHEAL GRENVILLE and WEST GODOLPHIN shares recommended.

Mr. BUMPUS devotes SPECIAL ATTENTION to LEGITIMATE MINES, and is in a position to afford reliable information and advice to intending investors, and others in the selection of Shares either for INVESTMENT or SPECULATION. Correspondence invited. ESTABLISHED 1867.

C H A R L E S T H O M A S, MINING AGENTAND ENGINEER, 3, GREAT ST. HELEN'S, LONDON, E.C. M B.

MR. ALFRED THOMAS, S, MINING ENGINEER, AND STOCK AND SHARE DEALER, 10, COLEMAN STREET, LONDON, E.C.

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N B. R E Y N O L D S,
STOCK AND SHARE DEALER,
37, WALBROOK, LONDON, E.C. BANKERS: LONDON JOINT STOCK.

MR. J. GRANT MACLEAN, SHAREBROKER AND IRONBROKER, STIRLING, N.B. Refers to his Share Market Report on page 984 of to-day's Journal.

JOHN RISLEY, STOCK AND SHARE BROKER, AND MINING SHARE DEALER, 38, CORNHILL, LONDON, E.C.

ESTABLISHED 1860.

BANKERS: LONDON and WESTMINSTER, Lothbury, E.C.

MESSRS. ENDEAN AND CO., STOCK AND SHARE DEALERS. 85, GRACECHURCH STREET, LONDON, E.C. ESTABLISHED 1862.
BANKERS: LONDON AND WESTMINSTER, Lothbury, E.O.

MR. W. TREGELLAS, 40, BISHOPSGATE STREET WITHIN, E.C.

Deals in all descriptions of STOCKS and SHARES at close market prices.

W. TREGELLAS has special business in SANTA BARBARA and LISBON-BERLYN GOLD MINES.

CHARLES J. SIMS, STOCK AND SHARE DEALER, 3, UNION COURT, OLD BROAD STREET, LONDON, E.C.

M. R. W. B. COBB, 29, BISHOPSGATE STREET, LONDON.
Special information and business in Tolima, Colombians, Frontino, &c.,
and other Mines in the United States of Colombia.

M. W. MARLBOROUGH, STOCK AND SHARE DEALER, Can SELL the following SHARES:— (Established 30 Years) Can SELL 100 Almada, 39.
75 Akankoo, 2s. 9d.
40 Bratsberg, 13s.
200 Balkis, 9d.

FE STREET, LONDON, E.C. (Established 30 Years)
SHARES:—

50 Holywell District Ld,
30 Hoover Hill, 6s. 6d.
31 Hoover Hill, 6s. 6d.
32 Hoover Hill, 6s. 6d.
33 Prince of Wales. 8s.
55 Penegarreg, 21s. 3d.
56 Robinoor B, 2s. 3d.
56 Robinoor B, 2s. 3d.
57 Mysore Gold, 21 16s.
58 Mysore Gold, 21 16s.
59 Noundydroog, 8s. 3d.
50 Nundydroog, 8s. 3d.
50 Nundydroog, 8s. 3d.
50 Nundydroog, 8s. 3d.
50 Nundydroog, 8s. 3d.
50 Organos Gold, 7s.
50 Organos Gold, 7s.
50 Organos Gold, 7s.
50 Organos Gold, 1s.
50 Oscar Gold, 10s.
51 Panulcillo, £2 2s. 3d.
52 Oscar Gold, 10s.
53 Oscar Gold, 10s.
54 O Part Tin.
55 Oscar Gold, 10s.
56 Oscar Gold, 10s.
57 Vacious, 22 Usp.
58 Oscar Gold, 10s.
58 Oscar Gold, 10s.
59 West Caradon, offe wanted.
59 Wheal Crebor, 19s. 6d.
50 Yeoland Con., 18s. 9d.
50 Holywell District Ld.
50 Prince of Wales. 8s.
50 Penegarreg, 21s. 3d.
50 Roby, 5s. 5d. Balkis, 9d. Coed-y-Fedw, 15s. Colombian Hyd., 10s 6 California Gold, 2s. Callao Bis, 5s. Chile Gold, 5s. 6d. 25 Colorado, £2 16s. 3d.

50 Denver Gold, 8d.

30 Devon Con, £2 2s. 6d.

50 Eberhardt, 3s. 6d.

50 Erontino, 13s. 6d.

50 Frontino, 13s. 6d.

50 Frontino, 13s. 6d.

50 Great Holway.

50 Great Holway.

51 Great Holway.

52 Home Mines Tst., 17 6

125 Nouveau Monde, 1s 3 3 50 Nundydroog, 8s. 3d.

40 Organos Gold, 7s.

25 Decar Gold, 10s.

25 Panulcillo, £2 2s. 3d.

30 Par Tin.

40 Potosi, 5s. 6d. Offers should be made for shares in the foregoing list when no prices are

Offers should be made for subsets in the Advance and firmless in lead has caused, as I predicted, a demand for shares in mines producing this metal:—Holywell District, Coed-y-Fedw, Roman Gravels, Gt. Holway, and Leadhills are especially worth attention before any further increase in price results. Special business as buyer or seller. PAR TIN.—Special business in 100 shares at 16s, 3d, for cash prompt,

BANKERS: ALLIANCE BANK (Limited).

A GUARANTEED 20 PER CENT. INVESTMENT.

TWENTY PER CENT, DIVIDEND, NOW PAYABLE.

A TRINIDAD (LIMITED). — In Shares of £5 each, fully paid, with no further liability. Immediate Purchasers will secure the above Dividend. These shares continue in strong demand on the improved returns and prospects of the mine, and considerably higher prices must soon be

Our Investment Circular, No. 447, on above Property, containing full details hould be read by all investors. Post free on application to BBOTT, PAGE, and CO., STOCKBROKERS, 42, POULTRY, LONDON, E.C.

CORNWALL WORKS, LIMITED TANGYES

Street. LONDON: 35. Queen Victoria

STEAM PUMPING ENGINE, WITH PATENT GOVERNOR.

NEWCASTLE: St. Nicholas Buildings. MANCHESTER: Deansgate.

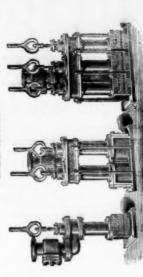
GLASGOW: Argyle and Hope Streets. (No. 9.)

TANGYES

LIFT AND FORCE PUMP IN TRIANGULAR FRAME.



TANGYES



usually offered. The

Diam. of	SINGLE	LE.	DOUBLE	LE.	REBLE	LE.
Barrels.	Iron,	Brass.	Iron.	Brass.	Iron.	Brass.
2 ins.	-		1	0	1	0
216	1		1	11	1	17
3	0	5 15 0	11 10	13 13 0		19 19 0
31%	15	10	13 10	15	0	13
4	10	10	14 10	18	0	10
416	15	15	18 0	10	10	10
5	0	0	21 10	0	0	10
51%			25 15	0	91 10 0	S
9	17 10 0	0	30	0	0	0

is fitted with wrought iron crank, aling, and guide, fly wheel, and handle. The Pump can, if desired, be disconnected from the frame for fixing in wells ex-The Frame is supplied with either Single or Double Brass Barrel Pump, and

ceeding 28 feet deep, and can then be worked with the

Diam. With Single With Double Second Wisch of Barrels. Barrel Pump. Barrel Pump. Handle, extra.

2½ ins. 3 ... 31, ...

The "Taugyo" steam Engine, with Vertical Boller, mounted on cast iron hea, and worked by means of Spur Wheel and Philon, forms with the above Pump a very useful combination.

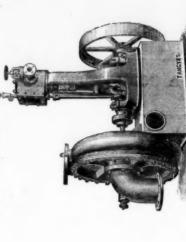
Estimates given on receipt of following particulars:—
Depth of Weld from surface per flow.
Quantity of Water required per flow.
Height and distance Water is to be forced from mouth of Well.

TANGYES DIRECT-ACTING

82

Pulleys for power, extra.

CENTRIFUGAL PUMPING ENGINE



Diam, Suction & Delivery	4	0	9	1	00	6	01	12
Height, level of water to								
level of deliveryft.		25	25	25	25	25	25	25
Galls, per minute		340	500	650	800	1100	1500	2000
Price, Engine & Pump £	20	65	7.3	80	110	130	155	180
Strainer,	0	0	*	0	0,0	6	4 10	0 10
Mal spindle extra £	1 15 2	3 6	2 6	30	3 10	4 15	8 0	7 5
		5	0	12 10	3	20 0	25 0	30 0
Diam, Steam Inlet iu.	12.	32	200	17%	010	000	200	28.80

STEAM PUMPING ENGINE,

WITH PATENT GOVERNOR.



The above illustration represents the "Tangye" Steam Engine, with extra large Fly-wheel, combined with Double-action Pump, worked direct behind Steam Cylinder.

The Engine is so arranged that the entire power can be applied to or the latter can at any time be disconnected from the Engine, and applied to other purposes.

The Pump is now made with Slipper Guide, and not as shown in ill.

C D E G H I

Size of Englue	ngine		A	国	9	H
Diam. St	eam O	ylins,	9	00	6	-
Stroke	**********	***************************************	12	16	18	20
Stroke P.	duin	***************************************	12	16	18	63
	Gal	is, per hour				
Diam. de	3 ins.		63	-		-
88	*	3,500£	68	:		-
**		5,500	23	98		
2		8,500£	73	103	123	15
	7	11,500£		103	128	15
**		5,0		118	138	16
**		19,000£		128	145	179

Holding-down Bolts and Plates, extra. Feed Pump, extra.

extra.

185 190 200 210 225 250 250

Size of Engine

Diam, Steam Cyl... ins.
Stroke Funp

Biroke Funp

Diam, do, 3 ins. 1,500...g

and trimmed, extra, y Well Pumps.

Hard wood mortice gear and pinion pitched as Holding-down Bolts and Plates, extra. Feed These Engines also supplied with Deep

PUMP

CENTRIFUGAL

TANGYES

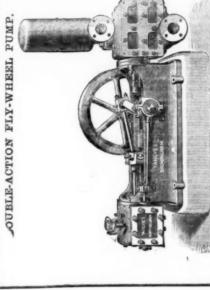
(JEFFERISS' IMPROVEMENTS.)

TANGYES

PORTABLE CENTRIFUGAL PUMP.

(JEFFERISS' IMPROVEMENTS)

11



The pump valves (double best) are of gun-metal, have large area and small lift, working almost noiselessly when Pump is running at moderate speed.

Barrel lined with Brass. The Shafts, for draught by horses or bullooks, are arranged to fit into the fore-sarriage of any ordinary Portable Engine without blocking.

Size Diam. Steam Cyli Diam. Water Cyli Length Stroke Gallous per hour. Price

The pipes may be fixed at any angle, as the Pump swivels on the carriage

This Pump occupies less agace than any previously introduced, Disc or Spindle can be easily removed, without disturbing the Delivery Fipse. By special construction, the pressure of the water, as requisted, so that no side thrust is communicated to the Spindle, astright joint with the bedyalate is adspensed with, as the suction needed direct to the pump. The suction of this Fump can be made instead of vertical without extra charge.

Diam. Suction and Delivery in. 6

Galls, per min, approx.

Diam, and width of Pulley..in.

Price
Froe Valve and Strainer.....

Pumps with 2 Standards and 2 Pulleys

Prices of larger sizes on application.

This Pump will be found useful in countries where irrigation or low lands is necessary.

SizeNo.	30	31	32
Diam. Steam Cylinder ins. Diam. Water Cylinder Georgth Stroke Gallons per hour	3300	635 4300 52	5500
Diam. Steam Inlet ins. Exhaust Outlet Diam. Bucklot Inlet Delivery Outlet Delivery Outlet Weighld Homes Delivery Outlet Delivery De	20 4 8 X X	13 X 34 P 24 P	73 X 34 A 24 A

ONE man can Easily tip ANY WEIGHT in these wagons,

A. B. C. Code used.

R. HUDSON'S Patent Steel Trucks, Points and Grossings,

PORTABLE RAILWAY, STEEL BUCKETS, &C., &C. GILDERSOME FOUNDRY, NEA Patented in Europe, America, Australia, India, and British South Africa, 1575, 1877, 1878, 1881, and 1883.

N.B.—The American, Indian, Australian, and Spanish Patents on Sale.

Upw Color GILDERSOME FOUNDRY, NEAR LEEDS.

(Near Gildersome Station, G.N.R., Main Line, Bradford to Wakefield and London, via Laisterdyke and Ardsley Junctions.) Registered Telegraphic Address:
"GILDERSOME,
LEEDS."

TELEPHONE No. 14, LEEDS EXCHANGES.

17.—SELF-CONTAINED TURNTABLE, Requiring no Foundations.



1.—PATENT STEEL END TIP WAGONS.

23.—PATENT TRIPLE CENTRE SIDE TIP TRUCK.

e man can tip any weight with ease.

7.—PATENT STEEL MINING WAGONS.



8.—PATENT DOUBLE-CENTRE STEEL SIDE TIP WAGONS.

10,—LEFT-HAND STEEL POINT



CAN BE MADE TO ANY SIZE, AND TO ANY GAUGE OF RAILS.

Upwards of 25,000 of these Trucks and Wagons have been supplied to the South African Diamond Mines; American, Spanish, Indian, and Welsh Gold, Silver, Copper, and Lead Mines; Indian and Brazilian Railways, and to Railway Contractors, Chemical Works, Brick Works, and can be made to lift off the underwork, to let down into the hold of a vessel, and easily replaced. They are also largely used in the Coal and other Mines in this country, and are the LIGHTEST, STRONGEST, and most CAPACIOUS made, infinitely stronger and lighter than wooden ones, and are all fitted with R, H.'s Patent "Rim" round top of wagons, requiring no rivets, and giving immense strength and rigidity. End and body plates are also joined on R, H.'s patent method, dispensing with angle-irons or corner plates.

PATENT UNIVERSAL TRIPLE-CENTRE

STEEL TIPPING TRUCK. Will tip either SIDE or either END of rails.



PATENT TRIPLE-CENTRE STEEL

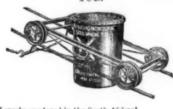


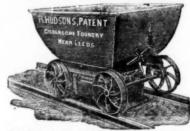
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5.—PATENT STEEL CASK. oplied to H.M. War Office for the late war in Egypt).
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a from 10 gals, capacity UPWARDS to any desired size.)







WAGON, with BOTTOM DOORS,

11.- RIGHT AND LEFT-HAND



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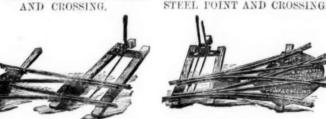
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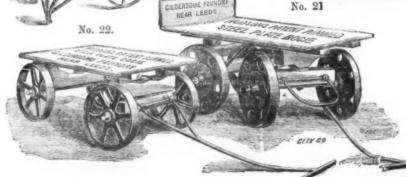






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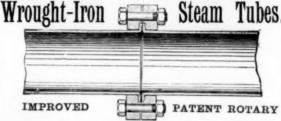
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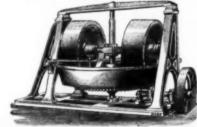
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Original Correspondence.

CHILE MINING LAWS.

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CHILE MINING LAWS.

SIR,—The mining laws of Chile have long been complained of as tending to handicap the native smelter, and to prevent the development of many of the mining districts. A determined effort has been made during the past nine years to remedy this, and I see by the Chilian Times of July 4th that the proposed reformed code has just been referred to by a special committee and with a fair prospect of its becoming law before the end of the present session of Congress. In reference to this committee the Editor says "They must bring to the consideration of the subject submitted to them a large degree of liberal-min-sedness. They must resolutely discard all antiquated Spanish legislation on mining. They must keep constantly before them, among other things, that we require foreign capital to develope our immense mineral deposits, and that in order to obtain that capital, mineral property rights must be hedged about by every possible security. No door must be left open for trumped-up and veratious actions at law, which under the present system are initiated with the object of squeezing money out of the unfortunate defendants of the case. When this evil is done away with British capital will flow into Chile for the development of her mineral wealth, as it has flowed, and is still flowing, into Spain, in consequence of the reform of the mining laws of that country.

We believe that in the project to be submitted to the committee the yearly rental to be paid to the Government for mining property is \$20 the hectare. It appears to us that this amount is excessive, and in the case of poor miners, who are, in the aggregate, the great pro-

yearly rental to be paid to the Government for mining property is \$20 the hectare. It appears to us that this amount is excessive, and in the case of poor miners, who are, in the aggregate, the great producers, for instance, of copper, the impost would be burdensome, and there would not be wanting cases in which it would be extremely so, when, for example, a poor miner, in order to secure the continuity of a poor and narrow lode, might be under the necessity of taking upseveral elaims. In any case, it appears to us the annual payment ought not exceed \$10 the hectare, and we think it might be reduced, with advantage to the country and the mining interest, to as low as \$5. Some provision ought also to be made in the code for placing miners in possession of their claims free of any charge for measurement, and, in fact, of any charge; and to this end we would advocate the formation of a corps of engineers in the pay of the Government, and well remunerated, whose duty it should be not only to measure claims and place miners in possession of them, but also to see that the well remanerated, whose catty it should be not only to measure claims and place miners in possession of them, but also to see that the mines should be safely and properly worked, and to remit to the florerment periodically detailed reports of all the mines in their districts. We would also suggest to the committee the advisability of specifying in detail all the minerals and substances to be considered as national property, and for which claims may be taken out; and in this connection two very interesting questions may be propounded for the consideration of the committee. Ought manganese res which is already an important superty to be included at the pounded for the consideration of the committee. Ought manganese ore, which is already an important export, to be included in the metalliferous productions of the country, which may be taken up and worked by claims? Ought coal to be placed in the same category? The Chilian smelters, as compared with the English and United States smelters, are terribly handicapped in the matter of fuel. The difference in cost against Chilian smelters is said to be somewhere about \$30,000 a year for each furnace. If coal were declared to be national property, and were made subject to the same legal provisions as other fossil and mineral products, would it have the effect of cheapening this fuel, and thus place the Chilian smelter in a better position to compete against the cheap coal of the foreign smelter? If our carboniferous deposits were declared to be denunciable, would it have the effect of causing numerous new collieries to be opened, and thus create a healthy competition that would bring the article down to a figure that would enable Chilian smelters to compete advantageously with foreign matters.

numerous new collieries to be opened, and thus create a nearthy competition that would bring the article down to a figure that would enable Chilian smelters to compete advantageously with foreign smelters? The special committee will only half perform its duty if it should neglect to take these problems into consideration, and when its report comes up before the Chamber, which for the sake of adecaying industry we hope may be very soon, we shall probably have something more to say on the reform of our, in every sense of the word, detestable mining laws.

I would also wish to draw the attention of your readers to the following remarks of a prominent English miner, Mr. Henry Sewell, who has resided in the country for many years, with reference to hydraulic gold mining in Chile. Adverting to Mr. Charles Rowsell's report on this class of mining in Southern Chile Mr. Sewell and the properties of the gold mining districts in Chile, and can vouch for what Mr. Charles Rowsell states as to the riches of both gravel and quartz mining in Chile. I was resident in California and Nevada nearly six years, and from a comparison with California gold mining I can conscientiously state that Chile has richer gravel and quartz mining than the Golden States." conscientionaly state that Chile has richer gravel and quartz mining than the Golden State."

But Mr. C. Rowsell very truly remarks, "that the mining laws of Chile are the curse of the country, and offer no security or induce-

tries. Therefore, with good laws, capital, and mechanical appliances, I can assert that Chile can easily become one of the richest countries in the world. She can produce copper still in immense quantities.

Gold, I can safely say, it will be able to produce as much as California has done to this day. In the time of the Spanish dominion Chile was the greatest producer of gold in the world. Silver mines She has had, and has still, as rich as those of Mexico, Peru, and Bolivia. Coal mines Chile has, as few nations, the coals situated about a mile front the shore and in any quantity. All that Chile requires is governments that will show her fair play, and develope her riches, and drop politics."

Mr. Sewell no doubt knows well what he is writing about, and I doubt not that many of your readers will be glad to have their attentions drawn in good time to this hitherto little-known field of mining labour.

J. H. Collins.

54, Coleman-street, E.C., August 25.

54. Coleman-street, E.C., August 25.

DREDGING THE GOLD COAST RIVERS.

SIR,—It is with great satisfaction at last to hear a company bases been registered and about to be formed for dredging the just been registered and about to be formed for dredging the Ankobra river for gold and other precious substances. Success with this company must be certain if worked properly, and the public who invest a little capital in this undertaking I venture to say, will have no cause to repent if worked as I have proposed continually through your valuable Journal. I have always said it is not a question of is there gold in the West African rivers, but the best and cheapest means of getting it, and the best place for finding the largest quantity of the precious metal. I think I can say without exaggeration I have prespected and examined the Ankobra river as much as quantity of the precious metal. I think I can say without exaggeration I have prospected and examined the Ankobra river as much as any gold miner who has visited the Gold Coast, so can testify to the great richness of that river and the best and cheapest means of working it. Moreover I believe I was the first to broach this important subject in the Mining Journal, and have advocated this system of mining and dredging the African rivers since first visiting the Western coast of Africa, being fully convinced that dredging for gold in the Ankobra river will pay and pay enormous if worked honestly and by practical men; this is no fable, but facts, and facts that will bear the test of the greatest mining men and explorers of the present day.

D. W. Lowman, late of West Africa.

15, Bath-street, Gravesend, August 24.

THE LEWIS-BARTLETT LEAD SMELTING PROCESS.

SIR,-In the Journal of the 15th instant you gave a most interesting account of the Lewis-Bartlett process for saving the "waste

ing account of the Lewis-Bartlett process for saving the "waste fumes" in lead smelting.

As we contemplate erecting smelting works here, and as the process you described might probably be adopted with advantage I am most anxious for further information, and take the liberty of applying to you in the matter, hoping you may be able to put me in a position of obtaining such information, or inform me to whom I should apply in the matter. I hope you will excuse my troubling you on this occasion.

The Bavarian Lead Mining Company (Limited),

Freihung, Oberpfalt, August 26.

P.S.—Our London Office is 5, Westminster Chambers, Victoriastreet, S,W.

treet, S,W.

[Messrs. John Hall and Son, Broadmead, Bristol who have re-cently started works on this principle at Avonmouth, will doubtless oblige our correspondent with the necessary information.—Editor,

CORNISH MINING AFFAIRS.

CORNISH MINING AFFAIRS.

SIR,—Those having at heart the true interests of the Cornish mining industry will thank you and your correspondents, Messrs. Dunn and Curry, of this week, for their letter, as well as the author of the confirmatory epistle signed "Cornishman." The manner in which some of our little local magnates and would-be despots conduct themselves when they have an opportunity of trotting out their self-imposed importance, is enough to cause outsiders to cut the county altogether. Many a man who would have been a good support to Cornish mining in the period of difficulty through which it has passed, and is still passing, on attending these meetings, have been so disgusted with what they have seen in the shape of "Cæsarism," monopolies, abuses, &c., winked at, and the "all in the family" appearance of the whole business, that they have gone straight back to town, and forthwith wiped their hands clean of "the concern."

Lately we have had amongst us as a Parliamentary candidate for the Lately we have had amongst us as a Parliamentary candidate for the "Mining Division" a gentleman who has a pretty clear idea of what is amiss " in the state of Denmark," and in the few weeks that he has been in Cornwall has done more to probe long-standing abuses, and uproot the old "county" aristocratic "fossilism" than has ever been accomplished by any single individual before. Of course Mr. Conybears so susponents and draws proposals. The control of the country, and offer no security or induce ments to foreign capitalists to onter into this branch of mining." In this respect I quite agree with the American Consul in Chilan copper mining:—"That the laws of the country are the greatest drawback to its progress. These laws are abominable. Have worked now nine years steadily, through the Press, and personal interviews with two Presidents, to change them. The new code is now before Congress, and has been approved by the committee named by it, and everybody hopes and expects it will pass finally this year through Congress. This fact, undoubtedly, will place Chile in a position to become one of the richest mining countries of the world. All that Chile requires is foreign capital. The mining laws have thus far been a barrier to the introduction of foreign capital. I hope that this year this barrier will be done away country for the last 35 years, and knowing every nook and corner of mining la Chile, I have been placed in a most exceptionable position of being able to compare the mining of Chile with other countries of the output of the last 35 years, and knowing every nook and corner of mining laws have the mining of Chile with other countries of the compare the mining of Chile with other countries of the country are dead of the progress of the new sun cannot but be expected take a last fond look. Early in 1876 both "minine leases" and "miners' rights" are destined to be heard of in Parliament, stamping, as it will do, the "Mining Division of Cornwall," as a constituency having special Convbeare's outspokenness and drastic proposals for reforms, sorely needed during the last half-century, does not find favour in certain quarters. It is not to be expected that they would; but the great rank and file that form the majority here see in him pre-

POLROSE MINE.

SIR,—Would any shareholder better informed than I am kindly give some idea of the present state of the above unfortunate mine? Since it stopped working I have not had any news of it, except two calls, the last ruinous. In the silence of the directors and secretary, have no other means of hearing anything of the matter except that of a public question.

C. C. of a public question.

THE GOLD MINING INDUSTRY.

SIR,—The trenchant remarks in your leader of last week, relative to the proceedings of the Balkis Company, and their endeavour to stifle enquiry by refusing admission to their meeting of your representative, will, I trust, be a warning to them and others who may be disposed to smother up improper acts and disreputable tactics of promotion and management. The high position held by your Journal, as the leading representative of the mining interest throughout the world, fully justifies the standing you have taken in giving publicity and exposing the tactics and doings of those who have done so much as the leading representative of the mining interest throughout the world, fully justifies the standing you have taken in giving publicity and exposing the tactics and doings of those who have done so much to bring ruin and disgrace to the mining interest. The most useful, honourable, and important industry of the world has been made a plaything for fraudulent rascality of the most ingenious kind. Unscrupulous men without any experience of mining connive with others equally unscrupulous as themselves, but who profess a knowledge of mining from having lived a short time or passed through a gold or other mining district, and with a smattering of geological terms and mining phraseology they have the assurance to place before the public such schemes as are not only intended to deceive, but which to any practical mind bears on its face the imprint of falsehood and deceit. It is high time that the impudent deception that has been perpetrated under the guise of gold mining companies should be fully exposed and brought to light, and the authors of such ridiculous and wild goose 'schemes should inherit the disgrace and stigma brought upon themselves, instead of throwing it on the industry which they have been trying to make a gamble of.

As Mr. Kitto truly remarks in his caustic letter in your issue of Saturday that—" Mining men have no longer the control of mines, hence dividends are the exception instead of the rule." I am glad to find so able a man as Mr. Kitto, and a fearless writer as he is, giving the public the benefit of his practical experience and intelligent observation through the columns of the Mining Journal, and I trust it will not be long before the mining industry will pass out of the control of the hands of the incompetent and reckless gamblers into the hands of those who have made a name and reputation by long practical experience and intelligent application to the industry and business of management.

practical experience and intelligent application to the industry and business of management.

practical experience and intelligent application to the industry and business of management.

During the past 25 years I have taken considerable interest in the advocacy of honest legitimate mining as against the introduction of worthless and impractical schemes for conducting gold mining operations in Australia, Africa, America, and here in England, and have often been compelled to make comments not altogether pleasing to some whose little schemes have been spoilt thereby. But, like Mr. Kitto, I care but little whom I offend by my writing on mining matters. I state now as I have years ago there is but one method by which mining can be conducted legitimately and profitably, and that open straightforward honesty must be the basis. There is no necessity for secrecy in anything about mining. There is no altering the results of absolute facts of yields, and dividends can only be honestly made out of the profits of working. Falsifying statements of facts, or so misconstraing them as to deceive unfortunate shareholders, is never successful for any length of time, and soon gets exploded. For instance, what has become of the childish, ridiculous, and absolutely lying reports about many of the mines of India and South and West Africa. For a time they excited the imagination of enthusiastic and credulous shareholders, investors, and speculators, who for the time enjoyed being tickled by spicey reports from amateur managers, and plausible statements from flowery Chairmen of meetings, who smote their breast and lifted their eyes in self-praise and admiration of their genius and financial ability. But, like a house of cards, the first adverse breeze of investigation have exploded the structures so grandly designed and artistically arranged, and if any of these mining companies now in the agonies of despair are ever brought into a workable and profitable condition, it will have to be done through the advice and under the control of experienced mining men, who do not get excited and lose their head on seeing a few specks of g

of quarts.

Where are the millions of imaginary paper capital and the beautifully designed scrip certificates turned out by the acre, to represent it gone to—if not yet consigned to the butterman—it would be better to paper the libraries or studies to induce steady reflection of the aerial castles they shadowed forth. There is no other industry that I know of in which impudent assurance and incompetency has been so recognized in braveling out assurance of knowledge and experience. of in which impudent assurance and incompetency has been so successful in brazening out assumption of knowledge and experience as in gold mining; and a few remarks that I made in a pamphlet published in Melbourne, 1875, "Gold Mining: its Results and its Requirements," may not be out of place, as it is quite apropos of the position of gold mining companies in London. "Men of every trade and calling, and those who have broken down, failed, or disgraced themselves in any other occupation of life think themselves competent to act as agents, to advise on the investment of capital in mining, and to direct the operations of mining undertakings. It has been in a great measure through the impositions, ignorance, and assurance of nondescripts that gold mining has been brought to such

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a ruinous position. Men who by a fluke made a rise in some lucky speculation in shares, arrogate to themselves the position of oracles and authorities on the subject of mining, and impudently assume a knowledge of an industry that can only be acquired by long practical experience and intelligent application. Thus has the chief industry of the colony—gold mining—come under the influence and control of men who for the most part are as ignorant of its nature and simplest principles as they are of astronomy. A few practical and experienced men are outnumbered by a host of mushroom authorities, most of whom, after a butterfly existence during a brief period of sunshine, collapse and fall into the obscurity from whence it is a pity they ever emerged. In the congenial occupations they previously followed they were probably of some use in the spheres they occupied. But when these men, possessed only of a stock of impudent assurance, undertake the direction and control of an industry of which they know nothing, it is not to be wondered at that mining becomes depressed, and such a stigma is cast upon the interest." and authorities on the subject of mining, and impudently assume a

stigma is cast upon the interest.'
Although 10 years have passed stigma is cast upon the interest."

Although ID years have passed since these remarks were penned in the midst of gold mining, where they had good effect, they are, with merely the variation of place and time, equally applicable in England at the present time, where gold mining has unfortunately got into the hands and under the control of those who do not understand their business, and the sooner they give up the direction of their undertakings to, and follow the advice of, those competent to give it the hatter it will be for themselves and the advice of their control of their undertakings to and follow the advice of, those competent to give it the hatter it will be for themselves and the advice. give it, the better it will be for themselves and the gold mining interest generally.

There is no industry so profitable at the present time when proit will be for themselves and the gold mining

perly conducted, or that offered such an unbounded field for enter-prise and the profitable investment of capital and labour as does legitimate gold mining honestly controlled and intelligently conducted. THOMAS CORNISH, M.E.

THE BALKIS COMPANY.

-I learned yesterday from London that Mr. Marks, who acts as Editor to the Financial News, has made some "libellous attack" upon me in his paper. As I am not a subscriber to that journal and as I suppose that nobody down here pay his penny in order it be misled by its columns, I have not been able to see the number in question; and have merely requested my solicitors to deal with the matter, if it should not be too contemptible a tirade for them to

A letter from my friend, which I have since received, has, however, given me the substance of the attack. It appears that it is my report to the shareholders of the Balkis Company which has raised the wrath of Mr. Marks—or rather, I suppose, the fear and anger of Colonel McMurdo, in obedience to whom, poor Mr. Marks has apparently to write and act. Permit me, therefore, to say a few words about that report.

On July 14 a meeting of the shareholders appointed me, much On July 14 a meeting of the shareholders appointed me, much against my will, on a committee of investigation into the affairs of the Balkis Company. A young man at the meeting, who had put himself very conspicuously forward, but whom I had never seen before, was proposed by Colonel Malleson and elected as a member of the committee. I subsequently found out that the young man was named "H. H. Marks;" and he told me that he had been Editor of Colonel McMurdo's paper since it started, and that it had lately become a Limited company, and that he and Colonel McMurdo owned nearly all the shares, holding each "exactly the same amount." The committee was so constituted that, in my opinion, Mr. Jeffreys and myself were the only ones who were free from the McMurdo influence, and able to act in the interests of the share-holders. I do not like to say this of Mr. Hodges, who possessed the cleverest head on the committee, and who appeared to me to act always in a straightforward and gentlemanly manner. Yet he must have found it difficult to keep himself unbiassed (he was lately a partner with Captain Hoare, in the firm of Hume-Webster, Hoare, and Co.), as some transactions of Captain Hoare came out in our investigations. The committee, however, such as it was met nearly every day, the last meeting being on August 5, when the contract was agreed to, and the notice for the general meeting was issued.

The committee elected me as Chairman, saying at the time, will have to do all the writing; you will have to take down all the evidence." That labour I did perform, taking down every word While the committee was sitting I had no time to draw up a report While the committee was sitting I had no time to draw up a report. On August 6 I came down here, and at once set to work. It was just finished, and 159 copies printed by the 12th (the general meeting having been fixed for the 14th). A few copies were, therefore, at once sent out to some shareholders who were known to be in town. This raised the wrath of Mr. Marks, who evidently desired that the shareholders should known nothing, and he made a most unwarrantable and vulgar attack on me, which I thought no gentleman would have made. He afterwards spoke at the meeting. I replied, and was pleased to see that all the independent shareholders appreciated the true position of affairs. But Mr. Marks had this advantage; he polished the report of his speech, taking out all the libelous and polished the report of his speech, taking out all the libelious and offensive expressions, and inserted it in his paper, but he suppressed all the replies. Since that time Mr. Marks has, doubtless, been ruminating, and consulting with Colonel McMurdo, Colonel Malleson, nating, and consulting with Colonel McMurdo, Colonel Malleson, and others, to see whether my report could in any way be impugned. Not finding how he could do so, it was, doubtless, suggested to him to say that it was "all false"—a very easy thing to say, but an impossible thing to prove. He said, however, I understand, in his issue of yesterday—I am quite content to leave the case to the judgment of any independent man who will take the trouble to read my report. The investigation and the subsequent proceedings here taught me The investigation and the subsequent proceedings here taught me that "no one can touch pitch without being defiled," and I have come to the determination to have nothing more of any kind to say to "McMurdo, Marks, and Co."

"McMurdo, Marks, and Co."

One word as to the Financial News Company. Mr. Marks is registered as having 12,473 shares; Colonel McMurdo's shares, being of exactly the same amount, are registered under the name of "Hobbs." But Hobbs has also 2760 shares, and one subscription share. It appears that 27,911 shares have been issued among about 50 shareholders. I am sorry to see that Lord Alfred Paget has 200 shares, and as less than 30,000 shares have been issued the other shareholders cannot hold more than one or two shares apiece. at least it appears from the registry.

I have been told that Mr. Marks has asserted that I was a "pro-

moter of the South African Syndicate Company." That is absolutely false, and a sheer fabrication of his own. I was one of the earliest victims, and I have still the cheques, amounting I think to 33001., chiefly paid to Colonel McMurdo. for South African Syndicate shares. I was the Chairman of the Syndicate Company, and laboured hard to obtain audited accounts of it, because after laboured hard to obtain address accounts of doings that I highly disapproved during my absence abroad. On the motion for the liquidation of the company I appeared by counsel (Mr. Bush, Q.C.) to obtain the accounts. The secretary of the company had been ordered to move for the order of liquidation, and it was granted. by Justice Chitty. Then Colonel Malleson appeared in a few weeks time (during which period, as Colonel McMurdo told me, they had been very busy writing up the accounts and the minutes), and with Mr. Edward Macnaughten, Q.C., as counsel, he urged that the scoretary was not a duly qualified shareholder, and he got the liquidation order rescinded. In a few weeks the liquidation order was quietly renewed, and Mr. Frederick Maynard, of Queen Victoria-street, was I believe appointed liquidator. So I obtained no accounts,

I must ask you to pardon me for the length of my letter. It is fortunate that I have not received the Financial News or it might fortunate that I have not received the Financial News or it might have been longer. But if you will be kind enough to publish this I will not trouble you with any further reply to Marks and Co. My solicitor may proceed in a Court of law, if Mr. Marks has not taken care to "keep on the windy side of the law," but in no other way will I trouble myself about the lot of them.

will I trouble myself about the lot of them.

105, Marina, St. Leonards, August 26. ROBERT MONTAGU.
P.S.—Since I posted my letter to you I have received a copy of the Financial News of yesterday (August 25). It was directed to me in Mr. Marks's own hand-writing.
I regret to find, however, on perusing the newspaper, that Mr.
Marks has not the "good memory" with which, in accordance with

the proverb, he has been credited. He blames me for not "noticingl the corrections" of my statements, which were made by Colone Malleson, in his speech. He forgets that Colonel Malleson, two or three times, impressed on his audience that he had not seen my report. And how can a man correct that which he has not seen? Mr. Marks, also, in his speech, stated repeatedly that he had read nothing of my report, except the "Postscriptum," by which, with an inexcusable ignorance of Latin, he designated the last paragraph. In short, not having any answer or reputation ready, they all agreed

In short, not having any answer or replaced to say they had not seen the report.

Mr. Marks quotes, as his authority, a publication owned by a firm of mining share brokers: "The reporters of that paper and of Mr. Marks's (Col. McMurdo's) paper were the only ones admitted to the Name of the Course it was known than the course of the course it was known to the course of the course it was known to the course of the course it was known to the course of the course it was known to the course of t Marks's (Col. McMurdo's) paper were the only ones admitted to the meeting. You reporter was turned away. Of course it was known that you would not stoop to garbling or falsifying the reports to suit the wishes of the directors, As for Colonel Malleson's long and dreary speech, I could hear very little of it; because of his indistinct voice. But it seemed to me to be concerned only with the circulars of Mr. Jeffreys and Mr. Mears. There is also in the Financial News a letter dated August 24, and signed "Harry H. Marks." It is placed first under the heading—"The Editor is not responsible for opinions expressed under this head." It is wise for Mr. Marks not to hold himself responsible for anything Mr. Marks may say. Marks may say.

If untries may say.

I further regret to find that Mr. Marks seems deplorably ignorant f the story of Ananias—what he calls "The role of Ananias." But, erhaps, that was to be expected. Ananias sold a property and kept back part of the price. The only counterpart in this case is the fact mentioned in my report, that three contracts for the purchase of Graskop were signed on the same day, and in each the price was added to. The real owner sold it to Capt. Hoare for 95,000L, Capt. Hoare sold it to Colonel McMurdo for 195,000L, Colonel McMurdo sold it to the board of the Balkis Company for 300,000*l*, all on the same day; and yet the Balkis shareholders, according to the audited accounts, had to pay 315,000*l*. for that property.—R. M.

ST. JUST UNITED, AND THE PRESS: MR. PETER OLDS REPLIES.

SIR,-I thought at first that the remarks in your paper and others on my conduct at St. Just United meeting were unworthy of notice, but the reporters will not let the matter rest. I, therefore, beg to tell you that their statement "that I threatened to put them out of the room if they put down what I said about the banking charges," is an invention and a falsehood. I objected to certain things which is an invention and a falsehood. I objected to certain things which Mr. Holman mentioned being reported, and all the adventurers were of the same mind. What I said subsequently was under the impression that the reporters were writing down these things notwithstanding what they were told. I have known several instances in St. Just of reporters taking no notice of civil requests not to put down matters of a personal or private kind, and naturally supposed these two were acting in a similar manner. As the matters in question were such as no person with any regard to decency and right feeling would allow to appear in the public prints, I think some warmth of feeling and expression on my part was excusable, to say the least. of feeling and expression on my part was excusable, to say the least.

If I was in error as to what the reporters were doing a word on their
part would have corrected it. But it was not forthcoming; and if I was in error as to what the reporters were using a part would have corrected it. But it was not forthcoming; and when their misrepresentations are exposed by Mr. John Boyns giving a truthful account of what took place, instead of apologising like a truthful account of what took place, instead or applicating like men, they put their heads together, and concoct the mass of false-hood and insult which is contained in their letters. Their names at the foot of that production shows sufficiently who are really "the ignorant and the low."—St. Just, August 25.

Peter Olds.

SIR,-I can see no contradiction in my letter of the 12th inst Your paragraph conveyed the impression that a shareholder, having some remarks to make, prefaced them by saying he would have the Your paragraph conveyed the impression that a shareholder, having some remarks to make, prefaced them by saying he would have the reporters put out of the room if they put down what he was about to say. Nothing of the kind took place, and the statement of the two reporters in their letter of the 19th inst., that Mr. Peter Olds yelled across the table to them, "If you put that down "(referring to some remarks he made respecting the bankers' charges) "I will turn you out of the room," is absolutely untrue. I heard Mr. Olds say that the bankers' charges amounted to a considerable sum of say that the bankers' charges amounted to a considerable sum of money, and if he had "yelled" any such thing as the reporters assert I must have heard it, as I am not deaf. I did, however, hear that shareholder call attention in a perfectly civil and unobjectionable manner to certain matters of a delicate and personal nature mentioned by the Chairman, which Mr. Olds said ought not to be allowed to go into the personary. allowed to go into the newspapers. All present seemed to be of the same opinion, and it was after this that the intimation that they would be liable to be ejected was given to the reporters, they at the time being busily writing. Mesers. Dunn and Curry involuntarily ime being busily writing. Messrs. Dunn and Curry involuntarily betray in their letter how such a gross misrepresentation of the racts as they have given arose. The effort "to transcribe their previous notes," and to attend to what was going on in the meeting at the same time, was evidently too great a tax on the mental capacity of those worthies. I advise them in future to attend to one thing at a

Their attack on my father in connection with this is quite un called for. I will, however, remark that my father never called the stocked tin in Wheal Owles more than 400 tons, and as a matter of fact more than 400 tons was actually sold. The accuracy or of fact more than 400 tons was actually sold. The accuracy or otherwise of subsequent estimates when part of the tin had been sold, and the conduct of all concerned were fully explained to the shareholders, and the statement that any tin mysteriously dis-appeared or was unaccounted for, or the assertion or insinuation that my father's management of the mine or conduct towards the shareholders has ever been other than open, straightforward, and shareholders has ever been other than open, straightforward, and honourable is only the dastardly falsehood of a person who prefers to skulk behind a pseudonym like your correspondent "Cornishan," or the malici man," or the malicious misrepresentation of ignorance and incom-petence. My father was well known as a skilful practical miner in all probability before Messrs. Dunn and Curry were born, and his reputation will probably survive anything which any such insignificant persons may say. Who, indeed, are they? And what do they know of mining in general, or of St. Just mines in particular, that they presume to say that the conduct of certain mines is a race? Their assertion that there is a sneaking desire to con-certain St. Just mines in a hole-and-corner way is simply ue. It is true that reporters have been always excluded at the passing of the accounts in certain large mines. This arose from the shares having been originally few in number, and held by persons who habitually attended the meetings in person. There was thing "sneaking" in their excluding reporters, any more than there is in Messrs. Bolitho, Sons, and Co., or Messrs. Batten, Carne, and Carne excluding reporters when they meet to discuss the affairs of their banks. If changed circumstances should lead the shareof their banks. If changed circumstances should lead the snare-holders to think the presence of reporters desirable, there is nothing holders to think the presence of reporters desirable, there is nothing to prevent a change being made, or rather nothing but the conduct of such luminaries as Messrs. Dunn and Curry. As I was the humble individual who proposed that reporters should be admitted at the only meeting of Wheal Owles adventurers at which this was ever permitted—vix., that held in London, on March 7th, 1884—I think I may pass as no enemy to the Press in general, What I have written has not been from any desire to defend Mr. Peter Olds, but simply in the interests of truth, and, in order to guard against error, I took the precaution of submitting my letter of the 12th inst. to Captain Bennetts, the purser and manager of St. Just United Mine before sending it. JOHN BOYNS. Boswedden, St. Just, August 25.

[This correspondence must now end. Both sides have had full opportunity to state their case, and the mining public will, no doubt, be able to form an accurate opinion as to the verdict. For ourselves we shall resolutely defend our representatives from any such indignities as those described by Messrs. Dunn and Curry, and it is well, perhaps, that this should be known. Our primary duty is to the general body of mining shareholders and the mining interest, and we do not recognise the right of individuals to attempt to fetter us or our representatives by their personal views.—KDITOR, Mining

Trade Reports.

CORNWALL.

CORNWALL.

August 27.—We can only repeat with regard to the tin market what we have said more than once recently, that there is no reason whatever to regard the outlook as other than satisfactory, far more satisfactory indeed than appears on the surface when the time of year is taken into account and the number of business men who are engaged in taking their annual holiday. And so to we can only emphasise, with regard to general local condition the gratifying fact to which we have also more than once had occasion to call attention of late, that the condition of nearly all our tin mines of any prominence, productively and financially, is our tin mines of any prominence, productively and financially, is one of steady improvement. We wish as much could be said of the copper mines and that some revival would take place in lead the copper mines and that some revival would cane place in lead But these desires at present seem quite hopeless of realisation Meanwhile we may fairly congratulate ourselves upon the gene rally healthy condition of mining operations in the West, as pared with a very few years ago. Confidence in managemen pared with a very few years ago. Confidence or more generally justified than now.

Cornwall Minerals Railway has taken a very important step towards the re-arrangement of its affairs in the practical development of the wise scheme for the consolidation of its various forms of stock, and the settlement of its liabilities on a definite basis. Matters may now be expected to show some improvement though considering the amount of capital invested and the traffic as it stands, the prospects of dividend on the ordinary stock denot appear very cheering. However, there is no doubt that the company hitherto has been seriously hampered by its financia complications. Beyond the effects of the present scheme who company interto has been seriously managed by its maneal complications. Beyond the effects of the present scheme what has to be looked forward to is an increase of traffic, for as the working expenses are only a trifle over 50 per cent. and the line is a heavy one to work, there is very little chance of a saving to material extent under the latter head.

The prospects of the Princetown line are anything but bright and the few hundreds balance announced on the working a hardly a "drop in the bucket" when compared with the capital expended in converting the old granite quarry tramway into a locomotive line. There is no population on the route except at the terminus, and that is largely composed of the convicts, whose facilities for travel have been wisely cut off. The holiday traffic in the summer is fair, and has been better nursed this year that last. Owing, however, to circumstances, which it is said has been removed, the granite quarries, for the advantage of which the line was originally made between Dartmoor and Plymouth 60 years ago, have been idle. This active working would mean 60 years ago, have been ide. This active working would be a good deal of carrying, and perhaps—though the prospect into hopeful—the day may come when mining in the locality may be revived. There are the ruins of extensive mine buildings, which ago at several points within the area which the line would serve As a passenger railway this Dartmoor branch seems, however

The first part of the Transactions of the Amalgamated Society now known as the Mining Association and Institute of Comwa appears in a very handsome form, and one which would docred to the reputation of any scientific society in the kingdom. excellence of the matter has been dealt with in these columns from time to time as the papers have been read, and the printing and illustration here are alike admirable. From this very and illustration here are alike admirable. From this way excellent start we may fairly argue a long career of usefulness at the part of the society, which so evidently aims, and that successfully, to combine in the fullest sense what are too often regarded as somewhat irreconciliable—the more theoretical and the more practical sides of mining enterprise. We shall look forward with much interest to the reports of the first year's complete working, which we presume will be presented as usual at the time of the

Polytechnic meeting.

The most exciting episode of the week is the controvers nected with the "alleged discharge" of a miner, named Lak from Dolcoath because of some remarks made by him at a poltical meeting in connection with the Dolcoath fine. We see bound to say "alleged discharge" because the fact of the discharge is denied by Capt. Josiah Thomas, and because Lukerfuses to return to work, as he himself says, until he is assure that none of his comrades shall be interfered with for free speed The whole matter is really an incident in the contest between Mr. Vivian and Mr. Conybeare, which it naturally tends greatly to embitter; and it is very difficult to arrive at a satisfactory conclusion touching what has really taken place. There can be no question, however, that Luke was called upon practically to withdraw certain remarks he madean act which, to say the least, was injudicious, especial at such a moment, and all the more so because there is very substantial element of truth in the assertion that the work ing miner—in common with all interested in mining—has suffere from the "Dolcoath fine." (We said at the time that it would be years before the effect of that bad business disappeared.) The only satisfactory element which we can see in the affair is that me serious attempt is made to question the good faith or accuracy statement of Captain Josiah Thomas, who we are sure is the lat man in the world to desire anything more than fair play Whether subordinate officials of the mine have so seriously transgressed the limits both of fair play and prudence, as has be stated, is a question which it would be difficult to time, and is still more difficult now when feeling runs so high The whole incident strikes us as rather unfortunate than really serious; but that it is very unfortunate there can be no doubt and that feelings have been excited which will take some time to subside

LANCASHIRE.

August 27.—The market for all descriptions of iron and con ties of round coal for house-fire consumption, any prospect of real improvement seems to be quite as remote as ever. In the iron trade the most that can be said is that the conviction gain ground that prices cannot now seems to be quite as remote as ever. In the iron trade the most that can be said is that the conviction gains ground that prices cannot now some conditions and the fact that ground that prices cannot now come any lower, and the fact that the balance-sheets of some of the principal pig-iron makers she a very serious loss on the last six months' sales, must certain gthen the belief that the bottom, so far as prices are cond, has at length been reached. This may induce buys cerned, has at length been reached. who have been ho'ding back to come into the market, actual requirements of consumers are very small, and actual requirements of consumers are very small, and the too creasing wants. The quoted prices for local and district brands main at about 38s. to 38s. 6d., less 21 delivered into the Manchest listrict, with sellers in some instances at about 6d. under thes figures; occasional small orders are got at about off these figures and there are enquiries in the market, but the weight of actual business done all through is very small. In finished iron the objective with the still confined to sheets, makers of which are kept fairly busy; for hoops and bars the demand continues only region. es for delivery into the Manchester district rea 51. 5s. for bars, 51. 15s. for hoops, 61. 15s. to 61. 17s. 6d. for loss made sheets, and 71. to 71. 2s. 6d. for good Staffordshire qualities. Ironfounders are very quiet, nut and bolt makers report trait as extremely bad, and the associated firms have suspended their

as extremely bad, and the associated firms have suspended their minimum list, owing to the underselling in the market.

In the Engineering Trade there is a continued quietening down, and the returns as to employment show a steadily increasing number of men thrown out of employment.

In the Coal Trade house-fire classes of fuel move off a little more freely, but common roundeoals for steam and forge purposes, and engine classes of fuel are bad to sell. Quoted rates are unchanged, but to clear away stocks very low prices continue to be taken. The increased business doing in house-fire coals is, however, not yet of sufficient weight to make itself appreciably felt in the market, and except at the present low prices buyers are still indifferent about covering their ensuing business requirements. Common round coals are so bad to sell that in some cases colliery proprietors are prepared to take almost any price to secure orders, and engine classes of fuel, notwithstanding the present very small production of slack continue generally a drug in the market. At the pit mouth quoted rates remain at about 8s. to 8s. 6d. for best Wigan Arley; 7s. to 7s. 6d. second qualities; 6s. 6d. to 7s. Pemberton Four-feet; 5s. to 5s. 6d. common coal; 4s. 3d. to 4s. 9d. burgy; 3s. 6d. to 4s. best slack; and 2s. 6d. to 3s. per ton for ordinary qualities.

4s. 3d. to 4s. 9d. burgy; 5s. 6d. to 4s. best slack; and 2s. 6d. to 3s. per ton for ordinary qualities.

The Shipping Trade has quietened down, but for good qualities of steam coal delivered at the High Level, Liverpool, or the Garston Docks, the quoted prices remain at about 7s. to 7s. 3d.

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e ten-of inds re-hester thest The collieries in the West Lancashire district seems to be preparing for another wages agitation, and various impractible suggestions are put forth; but how higher wages can be got in the present state of trade certainly seems an extremely difficult

DERBYSHIRE AND YORKSHIRE.

DERBYSHIRE AND YORKSHIRE.

August 27.—With a little improvement in some branches of trade in Derbyshire, the strike of miners in the Ilkeston district has not terminated. The men still hold out, the difference between them and their employers being only a penny per ton, yet for this the miners are willing to sacrifice their weekly wages, only getting in return a few shillings. But the dispute is not likely to last much longer, for a good many of the men are already tired of it, and know that they will have to give way ultimately. But there are always a number of the younger hands, with no family responsibilities, that prefer the idle life, and hold out as long as they can induce the others to do so. In the present state of trade a reduction of miners' wages has become a necessity, and the men at nearly all the collieries in Derbyshire accepted what they admitted to be inevitable, and there is no reason why the men in the Ilkeston district should not also have given way. But they appear to have been supported by Mr. Haslam, and the other officials connected with the Association, but this will not avail them much. Mr. Haslam, the gentleman alluded to, it may be said, has come forward as a candidate for the Chesterfield Division in the Liberal interest, and has offered to substitute in the same of the content of the content of the content of the characteristic part of the chesterfield Division in the Liberal interest, and has offered to substitute the content of the content of the characteristic part of the cha

will not avail them much. Mr. Haslam, the gentleman alluded to, it may be said, has come forward as a candidate for the Chesterfield Division in the Liberal interest, and has offered to submit his claims against those of Mr. Barnes, M.P., one of the owners of the Grassmoor Collieries, to the test of public meetings or the local committees. Mr. Barnes, however, appears to have declined the suggestion of Mr. Haslam, and will stand upon Liberal and independent ground, and against him alone Mr. Haslam would stand a very poor chance, whilst, should there be a third candidate, which no doubt there will be, then his prospects are most shadowy indeed.

Of late there has been a better enquiry for house and gas coal, and several of the collieries are now working much better than for some considerable time past. More coal for household purposes has gone to London in particular from Clay Cross and other places, but without having any effect upon prices, which are not likely to change much before the latter part of next month. Still those owners who sell direct to consumers are able to realise some little profit, whilst those who sell to merchants through agents are, of course, not so well off. The gas companies continue to take more for consumption as well as stocking, and this has also tended to improve the position of the miners at some places. Steam coal has gone off tolerably well, especially for locomotive purposes, whilst a few tonnages are taken for the blast-furnaces, most of which are situate near to and are connected with the collieries. In other kinds of coal there is not much change to be noted either as regards demand or price. The Heanor-lane Colliery, belonging to Mr. H. Fletcher, of Langley Mill, has been closed, the minerals being worked. This is the second colliery in the district which has been closed during the last three months.

There is not so much pig being turned out at the Derbyshire furnaces as was the case a few months ago, and even the production is more than what is required, so that stocking

tion is more than what is required, so that stocking has had to be resorted to. Prices are still unremuneratively low, ranging from 24s. to 42s. per ton. Some of the foundries are doing a steady trade in pipes and other large castings, but there has been no material improvement in the lighter branches, which have had a long period of quietness. The forges have continued to turn out a moderate quantity of work, for they have not been doing for a long time past anything at all equal to their power. Mining machinery, for which one establishment in particular has long had a high reputation both at home and abroad, has continued quiet, and the same may also be said with respect to engines and all kinds of machinery.

and the same may also be said with respect to engines and all kinds of machinery.

The condition of the trade in Sheffield in some branches is certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than what it was, but there are still a certainly slightly better than the district. The Hebburn, Boldon, Harton, and other collieries were inspected, and the great ironworks of Palmer and Co., the Tyne Docks, North-Eastern Wire-Rope Works, &c., cod many workmen either and the unable unable unable unable of collieries were inspected, and the great ironworks of Palmer and Co., the Tyne Docks, North-Eastern Wire-Rope Works, &c., cod the collieries were inspected, and the great ironworks of Palmer and Co., the Tyne Docks, North-Eastern Wire-Rope Works, & sinds of railway material. The works engaged in the production of Bessemer steels have done better of late, as a good deal is now used for other purposes besides what is sent to the mills and forges, special qualities being turned out for some descriptions of cutlery and tools. No improvement, however, has to be noted with respect to table, pocket, or fancy knives, and the increased cost of the finest haltings has caused the demand to be better for the secondary qualities, so that whilst the exports have fallen off in value they have not materially declined in weight. In edge tools some of the houses are better off, but the saw and file trades do not show to better advantage. The preduction of equilible steel has been to houses are better off, but the saw and file trades do not show to better advantage. The production of crucible steel has kept up to the average, a good deal being for heavy machine and other eastings. A tolerably fair quantity also goes for cast wheels, although this branch is not so active as what it was. Ordinary wheels and calculate. athough this branch is not so active as what it was. Ordinary wheels and axles, however, are being rather extensively turned out, a good many of them being on export account. In picks, wedges, and other kinds of mining tools, the volume of business doing is not large. Several of the foundries outside the town are in grates, gas material, stoves, and builders' castings in what they did, but the engine and machine shops are working but moderately. At the railway wagon works there is more

NORTH AND SOUTH STAFFORDSHIRE.

August 27.—The reports of coalowners from Cannock Chase continue to be rather more favourable, and prices are consequently stiffer. Domestic coal, shallow one way, 1s 7s. per ton; deep one way, 7s. 6d.; other descriptions a little better in quality, 8s. to 8s. 6d.; and best deep, 9s. or 10s. into boats. Manufacturing coal on the Chase is 4s. 9d. to 5s. 6d. for forge, and steam about 5s. 6d. to 6s. The demand for pig-iron is improving a little, and stocks at the furnaces are decreasing. Prices are quite as firm as a week ago, particularly for descriptions imported from the Midlands. These range from 37s. 6d. for Northamptons up to 4ls. 6l. for Lincolnshires. Hematites are 53s. to 55s. Native pigs are 62s. 6d. down to 55s. for all-mines and 36s. 3d. down to 32s. 6d. for common cinder sorts. The mills and forges are running rather more time in a few localties, where and forges are ruuning rather more time in a few localties, where sheet and bar orders have been received this week rather more sheet and bar orders have been received this week rather more briskly.; but there is still plenty of surplus labour upon the market, and numbers of forges are idle. Marked bars keep at 7l. 10s. to 8l. 2s. 6d., while common are 6l. down to 5l. 10s. Sheets of 14 to 20 gauge for Indian consumption are 6l. 10s. delivered Birkenhead. Galvanising doubles, delivered to consumers' works in the district are 7l., and lattens 15s. to 20s. additional additional.

At Rushall, near Cannock, on Monday, Joseph Nicholls, a miner, was fined 5*l*. and costs for smoking a pipe while working in a "head" in the Corffy Mine. To extenuate his offence Nicholls stated the men worked in the pit with naked candles, and the Bench commented rather strongly upon such a dangerous

An important meeting of miners was held, on Monday, at Burslem in connection with the annual demonstration of the North Staffordshire Miners' Federation. Mr. H. Woodall, M.P., occupied the chair. Mr. Burt, M.P., after speaking of the hazardous nature of a miners' calling, referred to the Employers' Liability Act, and said that between 27,000 and 30,000 miners in Languaghing were connected by their employers to contract them. Lancashire were compelled by their employers to contract themselves out of the provision of the Act. He spoke of the future of the working classes, and said that never before had their prospects been so bright. A resolution was then passed recognising the importance of labour organisations.

TYNE AND WEAR.

August 27.—There is no change of importance to note in the state of the coal and coke trades here, there is a fair demand for state of the coal and coke trades here, there is a fair demand for best steam and household coals, and the demand for gas coal is also improving gradually as the season advances, but second-class works of all kinds are only moderately employed. The men at the Wardley Colliery, belonging to Mr. John Bowes, and partners, have received notice that their services will not be required after September 5 next. The Wardley Colliery is a large concern, and about 800 men have been employed there. The shafts were sunk originally by Sir George Elliot to a certain depth when the concern passed into the hands of the present company, the position was, looking at the success of the adjoining collieries, an excellent one, and all the main seams were found at the shafts in a good state, but after some time it was found that the strata in the south part of the estate was very much disturbed by faults, and this has proved a great drawback to the success of the works. It this has proved a great drawback to the success of the works. It was expected that the Heworth Dyke, a large fault which passes through a considerable part of the Durham coal field, would be found in the south side of the royalty here, but the dyke has not been found in the position where it was expected, but a number of small dykes of a common character have been found, and it is concluded that the Heworth Dyke has been split up into a number of smaller dykes passing in various directions, and this unfortunate circumstance has detracted very much from the value of the

coal field.

The British Society of Mining Students.—The members of this society held their annual meeting on Tuesday week at Tyne Dock. By the kindness of Mr. G. May, manager of the Harton group of collieries, a room was provided for the meeting. The general annual meeting was held at 10·30 A.M., when the past President, Mr. H. F. Bulman, Rainton Collieries, Durham, delivered his address, in the course of which he laid particular stress on the recent experiments with coal dust in fiery mines. The secretary, Mr. C. H. Cobbold, Plumbley Colliery, Derbyshire, read his report on the past year, which showed a satisfactory increase in the number of members. Mr. C. M. Melby, Grift Colliery, Nuneaton, was elected President for the present year, and vice-Presidents were elected for the various mining districts, and a working committee was formed, after which luncheon was served. The members were then divided into three groups for the purpose of inspecting the most important collieries and other works in the district. The Hebburn, Boldon, Harton, and other collieries were inspected, and the great ironworks of Palmer and Co., the Tyne Docks, North-Eastern Wire-Rope Works, &c., were examined by the members with great interest. A considerable number of members attended the meeting, and the Institute promises to have an important and successful career before it.

Colliery Explosions and Coal-dust.—We were quite prespared from long experience to support the views expressed in the Journal of last week.— 'That an explosion may be intensified by Journal of last week.—' That an explosion may be intensified by THE BRITISH SOCIETY OF MINING STUDENTS .- The members

attended with any loss of life. We give an abridged account of this explosion from the Newcastle Weekly Chronicle of Saturday The Chronicle quotes from the official report of Mr. Thomas, Inspector of Mines, as follows:—"An explosion occurred in the Busty scam, which is 66 fms. from the surface at Brandon Colliery, near Bishop Auckland, on the 10th October last, from a Colliery, near Bishop Auckland, on the 10th October last, from a blown-out shot. Four men were engaged in making, a refuge-hole in a stone drift on the engine plane 600 yards from the shaft. The area of the drift was 75 square feet. It was an intake air-way when 20,000 cubic feet per minute was passing. A shothole 2 ft. deep was drilled in the side of the drift 3 ft. from the bottom, the hole being drilled at an angle of 60 degs. downwards. The hole was charged with powder and stemmed with bungs and small stones. When the shot was fired three of the men retired into a refuge-hole 20 yards in the in-bye side, and the other man retired to a hole in the out-bye side. The drift was very dry, and there was a considerable deposit of dust on the floor and adhering to the sides and roof. When the charge exploded and adhering to the sides and roof. When the charge exploded it blew the stemming out, and caused a flame which extended both outward and inwards a considerable distance, burning the oing, some fair orders, it is said. having been received from some the South lines.

After the place was examined a coating of coke was examined as examined as examined a coating of coke was examined as examined as ex

and there is a fair quantity now being sent to London and the South for house and gas purposes. Steam coal, too, is going off very well, more particularly for shipment from the Humber ports. The Hull and Barnsley Railway, considering the short time the line has been open, have done very well indeed as regards the coal traffic. As the railway rate from the South Yorkshire collieries to Hull has been reduced 3d. per ton, the Manchester and Sheffield Company have been asked to make a corresponding reduction in the charge by the canal which belongs to them, and it is expected the directors will concede.

NORTH AND SOUTH STAFFORDSHIRE.

August 27.—The reports of coalowners from Cannock Chase continue to be rather more favourable, and prices are consequently stiffer. Domestic coal, shallow one way, is 7s. per ton; deep one way, 7s. 6d.; other descriptions a little better in quality, 8s. to 8s. 6d.; and best deep, 9s. or 10s. into boats. Manufacturing coal on the Chase is \$\frac{1}{2}\$\$4. 9d. to 5s. 6d. for forge, and steam about 5s. 6d. to 6s. The demand for pig-iron is improv-

were effected, but the demand was not sufficient to enhance the price to any great extent; 32s. is, however, now the lowest price that will be accepted for forward delivery. The reports from America are considered to point to improved conditions.

The quotations for warrants keep at 32s. 6d. to 32s. 9d. for No. 3 pig-iron. The shipments of pig-iron have been staady during the past week—18,436 tons for the week. There has been a large delivery of steel rails and railway material during the month for India. Shipbuilding continues very dull on the whole. The wages question on the finished-iron trade is to be submitted to the arbitration of Dr. Watson.

to the arbitration of Dr. Watson.

The general state of the shipping and other trades continue The general state of the shipping and other trades continue very dull. There are still a large number of ships laid up in the north-eastern ports, and those that are employed are earning small profits. The question of a combination amongst shipowners for the purpose of regulating and raising freights, which are at present very low, continues to be discussed; but there is a serious obstacle to this scheme—that is, many of the shipowners and managers are also merchants; and whilst it is the interest of the shipowners to secure good freights, it is the interest of merchants to secure as low freight as possible. These conflicting interests may prove fatal to the success of the combination scheme. The leading products of this district, coal and iron, continue very low in price, and the fact is now freely discussed on the Newcastle in price, and the fact is now freely discussed on the Newcastle Exchange that the condition of the iron trade just now is very Exchange that the condition of the iron trade just now is very similar to that of six years ago, and in that similarity some persons see ground for hope of a revival. It was in the year 1879 that the price of iron began to rise in America, and in that year it rose over 100 per cent. Scotch iron rose also from 2l, per ton in July to 3l. 8s. per ton. Cleveland iron also rose from 32s. 6d. per ton (about the present price) to 52s. 6d. per ton. There can be no question as to the great resemblance between the present condition of the iron trade and that of six years ago. A great improvement in the condition of the railway systems in America has also occurred, and some improvement in the value of railway property has also occurred here, the value of North-Eastern Railway shares has and some improvement in the value of railway property has also occurred here, the value of North-Eastern Railway shares has risen lately 5½. Per share. A very serious dispute has occurred between the manager and workmen at the Great Elswick Works respecting the mode of taking piecework. The men have held several committee and mass meetings, and they have laid their complaints before the directors, and also they have demanded the discharge of the principal manager, Mr. M. Donnell, and Mr. Bell, the second manager. A mass meeting of the men was held in the Circus, Newcastle, on Saturday night, which was attended by 4000 men connected with the Elswick Works. The Chairman stated that a deputation from the workmen had met the representatives of the masters on Thursday and Friday lest when representatives of the masters on Thursday and Friday last, when they were told by the latter that they would be sorry if the works, or any section of them, were stopped by the present agitation; and, further, that they considered that the charges made against the officials were frivolous and incorrect. It was proposed at the meeting that the whole of the men should give notice to quit the employment, and although an amendment was moved to the effect that a ballot should be taken before taking such a serious step; and another amendment was moved proposthe men have already given in their notices, and it is expected that the whole of the men will take this course. There are about 8000 men employed at these extensive and important works.

SOUTH WALES.

August 27.—There are very general complaints as to the slackness of trade at all the ports, but shipments keep fairly good. Last week Cardiff sent away 122,755 tons foreign and about 25,000 tons coastwise, with 5646 tons patent fuel; Newport, 45,903 tons foreign and 21,452 coastwise; Swansea, 17,143 tons foreign and about 11,000 tons coastwise, with 5795 tons patent fuel. Prices are well maintained. Small steam coal is in great request, but small supply, while the demand for patent fuel is excellent. ellent

The Penygraig Colliery strike still continues, but the works are open for all who like to recommence work. The men, however, still insist upon the dismissal of the chief officials, whom they charge with neglect. It is expected that an amicable arrangement will soon be arrived at.

The Lead Colliery men have been reduced to helf their name have

The Llan Colliery men have been reduced to half their number, and these are under notice.

Most of the iron and steel works are fairly well employe! especially Dowlais and Blaenavon. Last week Cardiff sent, away 1330 tons, and Newport exported 1364 tons to Messin; away 1950 tons, and Newport experted 1954 tons to Massian, 1370 to Aarkus, and 2672 to Madras. Iron ore arrived at Cardiff to the extent of 6685 tons, while Newport received 14,140 tons from the same port, and 1800 from other places. At Pentyach the blast furnaces are wholly idle, while the forge works

are only on half time.

Although stocks of tin-plates are getting gradually lower, speculators are holding off in the hope of something turning up in their favour. The works have now been closed two weeks, and the number of boxes in store at Swassea is only a little over 50,000. Most of the manufacturers are employed on and can afford to wait, but needy men have been selling at from 13s. 9d. to 14s. IC.

NORTH WALES, SALOP, AND CARDIGAN.

August 27.—Among the hurtful hindrances to successful mining in this country, apart from high royalties, are the excessive sums charged for surface damage. I have known 100%, per acre charged for land let at 30s. per acre a year, and only recently, 30 years' purchase, at 35s. per acre, was charged for land let at 10s. per acre. The promptness, too, with which these charges are made before a mine can be brought into a workable state is also a drawbed. mine can be brought into a workable state, is also a drawback and an annovance. Then the tenant comes in with a demand for and an annoyance. Then the tenant comes in with a demand for loss of herbage, in which he is usually supported by the owner, to the extent of three or five times any profit he ever made of the land. Then all the while, throughout the most unprofitable times, the dead rent must be paid. These charges, with the manner is which they are made, are helping to drive mining out of the country. Our countrymen find fewer such charges and restrictions that the tent of the country is a support of the country.

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The consequences are disastrous to all the parties concerned. I could name one large mineral estate on which there used to be 20 mines or more, working with more or less success, which at the present time has only one mine in anything like sucwhich at the present time has only one mine in anything like successful work. Apart from lead and copper mining, nearly the whole of the mineral industries are working steadily. The collieries are pretty fully employed, so also are the ironworks. Besides the company recently formed to work the Wern Colliery, Bagillt, there is but little sign of enterprise. In the slate trade the quarries are working steadily, but that is all. There is no nearly the life. push, no life.

Mention may be appropriately made in this column of the death of Mr. Jonathan Pell, late of Talybont, Cardiganshire.

Mr. Pell had the direction for several years of the Talybont, Blaen Caelan, Court Grange, and Mynydd Gorddu Silver-lead Mines. On the collapse of lead mining in Cardiganshire a year or two ago, Mr. Pell fell into ill-health. Recovering a little he left for the talks in search of seven for his shifting but he did when for Australia, in search of scope for his abilities, but he died when just within sight of his destination. Mr. Pell occasionally contributed to the Journal, and few men knew more about the commercial details of mining than he did.

Meetings of Public Companies.

WIEAL AGAR-DIVIDEND OF 7s. 6D. PER SHARE.

A three-monthly meeting of shareholders was held on the mine, on the 21st inst., as briefly mentioned in our last issue.

Mr. CORNELIUS BAWDEN (the purser) presided.

The labour costs for three months were 3718/. 15s., this sum including 700l. paid the contractor in the matter of the new shaft; the merchants' bills were 1838/.; half-year's poor rate, 60l. 11s. 3d.; Stannaries' assessment to the end of June, 8l. 19s. 10d.; arges for the half-year, 59% 9s. 1d.; lord's dues, 2716 it side 48% 12s. 6d. was received on the tin sold previous On the credit to making up the accounts for the last meeting. The tin for the quarter (152 tons 17½ cwts.) realised, at an average price of 50%, 16s. 6d., 7779%, 17s. 3d.; extra carriage of tin, 38%, 13s. 1d.; arsenic (50 tons), 232%, 13s. discounts allowed by margants 54%, 11s. 8d.; old iron 7779l. 17s. 3d.; extra carriage of tin, 38l. 13s. 1d.; arsenic (50 tons), 332l. 18s.; discounts allowed by merchants, 54l. 11s. 8d.; old iron sold, 28l. 0s. 10d.; total credits were 8272l. 13s. 8d.; and a profit of

sold, 28t. 0s. 10d.; total credits were 8272t. 13s. 8d.; and a pront of 2315t. 13s. 2d. was shown.

The statement was received with applause.

The CHAIRMAN: But for the drop in the price of tin last week and this we should have had some 100t. more. We have 27 tons carried to the smelting-house, and we hope to get a rise of 2t., 3t., or 4t. for that, we not having settled. (Hear, hear.) There is now a balance in favour of the adventurers of 2335t. 18s., 4d. (Applause.) By paying the merchants very promptly we have a discount which more than pays our bankers' charges. (Applause.) In fact, I may say more than doubly pays our bankers' charges. (Hear, hear.)

Capt. W. T. White read the report of the agents, it being to the following effect:—

Since the last meeting we set the engine-shaft to sink below the Since the last meeting we set the engine-shaft to sink below the 235, a 10 fms. certain bargain. From the commencement the men have made very fair progress. We have been engaged during the past four weeks in fixing cistern and bearers for the drawing-lift from the 225 to the 235, and here we hope to arrive at completion during the next few days. By doing this work we expect to sink with greater speed, as our sinking lift will now be only from the 235. The distance sunk in the shaft since the last meeting is 2 fms. 2 ft. The distance sunk in the shaft since the last meeting is 2 fm. 2 ft. The 235 is driven east of the engine-shaft 13 fms.; the last 9 ft. of this drivage is in the lode, the width of which we cannot yet give. The portion for the distance driven is worth on an average 5t. per fathom. We took the bearing yesterday of the 9 ft. driven, and this corresponds very fairly with the general bearing of the lode in the upper levels. We think the lode to be standing north of the sump winze sunk below the 225. We look upon this discovery, so near the shaft in our bottom level, as most important. covery, so near the shaft in our bottom level, as most important. The 235 fm. level is driven east of sump winze 4 fms. Since the discovery in the end at this level, east of engine-shaft, we have put the men to shoot in north for the lode, and we calculate a short distance will reach it, in which event we have no doubt a good lode will be met with. The new winze sinking in bottom of 225 fm. level is 12 fms. east of the end driving east of the sump winze; 3 fms. have been sunk in this winze south of the lode. On Tuesday leat we summerced to take down the lode. last we commenced to take down the lode. We have cut in about 4 ft., and for this width it is of the value of 25t. per fathom. We believe when its width is ascertained it will be fully 8 ft. wide, and proportionately good throughout. We intend sinking in the lode in the future, and we hope with good speed to very nearly communicate this winze with the 235 by the next meeting. This done, a valuable section of stoping ground will be available for working. The 225 fm. level is driven east of engine-shaft 121 fms. The lode in this end is improving in size, and worth 10*l*. per fathom. The 215 fm. level is driven east of engine-shaft 118 fms.; the lode in the 215 fm, level is driven east of engine-shaft 118 fms; the lode in the end is large, and worth 15*l*, per fathom. The 205 fm. level is driven east of engine-shaft 109½ fms; the lode in the end is of the value of 15*l*, per fathom. A rise in the 'back of the 195 fm. level, east of No. 1 cross-course, by four men, at 8*l*. per fathom; we are going up in the north part of the lode for speed, the largest and best part of the lode being left standing to the south. The rise is now up about 10 fms, and we purpose next week driving east and west of the same at the 180. We look upon this as a very important point, being at the 180. We look upon this as a very important point, being in virgin ground. The stuff broken from the stope in back of the 195 fm. level, east of this rise (where all the lode is carried), makes a produce of \(\frac{1}{2}\) owt. to the ton. We have 10 stopes working on this lode between the 195 and 225 fm. levels, east of engine-shaft, by 81 men, at an average price of 5s. 6d. per ton of stuff, the lode worth in each on an average 17L per fathom.—South Lode: The 215 fm. level is driven west of No. 1 cross-course 8 fathoms; lode in the end worth 15L per fathom. The 205 fm. level is driven west of No. 1 cross-course 6f fathoms; lode in end is worth 15L per fathom. The 205 fm. level is driven east of cross-course 10 fathoms: lode in end is worth 15L per fathom. 205 fm. level is driven east of cross-course 10 fathoms; lode in end is worth 121. per fathom. We have one stope in the bottom of the 205 fm. level on this lode; lode worth 121. per fathom.—New Shaft: About six weeks since communication was effected from the 150 to the 215 fm. levels. In rising from the 195 fm. level, some 32 fms. up, some soft ground was met with. This caused the suspension of the rise, and the shaft was then sunk through from the 150. Since men have been squaring, securing, and completing from the 150 down. The contractor has some 6 fathoms more to make good to "firm" ground between the 150 and 195 fm. levels. Another pare of men are also sinking below the 215 fm. level by two boring machines; shaft down 3½ fathoms. We have sunk, driven, and risen in the various levels during the past 12 weeks, 65 fathoms, about one-third of this being below the 235. This is independent of any work in the new shaft. The produce of the tinstuff sent to during the past 12 weeks has been 74 lbs. to the to

(Applause.)
Captain WHITE: Any question I shall be glad to answer.

Captain WHITE: Any question I shall be glad to answer.

Mr. MICHAEL H. WILLIAMS: How long will it take you before
you begin to draw from this new shaft?——Captain WHITE: I do
not think we shall be able to draw very much from the 215 before
Christmas. You see we have a good bit of work to square down the
shaft, and fix in a double skip-road to the 215.

Mr. WILLIAMS: Is all your machinery in good working order?—
Captain WHITE: Yes. I should say the machinery is everything
that could be desired. Of course, I presume you refer to the new
whim. I think it will do what it is calculated to do; there is no
man who can tell what it will do. But what it has done it has done
very satisfactorily indeed, and when we come to have full work for very satisfactorily indeed, and when we come to have full work for the whim—which we cannot have until the shaft is completed to the 215—then we shall see what it will do. We shall have, too, another 16 heads at the stamps by the next meeting. We are getting all the timber work

Mr. Bonz: Will you get the stuff to keep them at work?-Captain Whitz: Yes. I know we shall be able to do this.

send to stamps nearly 5000 tons of stuff quarterly with one skip, and have to send down other stuff by it, and have to cope with the "addle." When we get the double skip-road at work there is not the slightest doubt we shall keep going this additional 16 heads as

Mr. James: Is it a fact that in the matter of your leavings Caps. Evans refused to have anything to do with them? (Laughter.)—Captain Whithe: I believe the leavings are as poor as those from any other mine. (Hear.) I do not think any other than that many parties would like to have ours. 1 think there is a little tin going away from our mine.

The CHAIRMAN explained that it was no doubt in consequence

The CHAIRMAN explained that it was no doubt in consequence of the dry weather that those below them did not care to have their works choked up. Let the winter come in, and unquestionably their leavings would be gladly availed of. (Hear, hear.)

Mr. JAMES: It appears that not much tin is going away.

Mr. WILLIAMS: Can you tell me a mine in which none goes away? Capt. WHITE: The dressing-floors are new, and in good condition for working. I have tried the slimes going away, and I find they make a produce of about 2 lbs. to the ton. That is not very rich. (Hear, hear.)

The rough tin, if pulverised, will I daresay give a little tin, as in every other mine. I think the shareholders may feel comfortable on this point, as no tin goes away unnecessarily.

comfortable on this point, as no tin goes away unnecessarily.

Mr. WILLIAMS: I move the adoption of the accounts. I pleased to find to-day we have such an increased balance. only hope that the price of tin may keep up, and that by another meeting we may have a still larger balance, and that Captain Whire may be able to give us as good report as he has to-day. (Applause). Mr. BONE seconded, and the motion was agreed to.

The Chairman: The next thing to do, I suppose, unless you have any further questions to ask, is to deal with the 25351.18s.7d. You will not be willing to go without a dividend. (Laughter.) Some people want an increased one. Mr. Waddington is anxious to have 7s. 6d., which would absorb 22501. We shall save 1201 in the next account by reason of being relieved of rates and banking charges—charges made only half-yearly. And then we hope to get a few pounds on tin. Then we shall have, probably 15 or 20 tons a few pounds on tin. few pounds on tin. Then we shall have, probably, 15 or 20 tons arsenic more. We have it here. And of copper and wolfram we us show at least 2001, worth.

Capt. WHITE: Judging from the appearance of the mine I should

think 73. 6d. could be fairly given. (Applause.)

The CHAIRMAN: We have had a long pull—for a generation.

Mr. WILLIAMS: I think so.

Mr. WILLIAMS: I think so.

The CHAIRMAN: A long pull of calls, and now the shareholders will be glad to have the best they can in the shape of dividends.

Mr. A. K. BARNETT, F.G.S.: I propose a dividend of 7s. 6d. per share, and that the balance of 285t. be carried forward to the credit of the mine. This position is a very satisfactory one, and I have been very pleased to hear the report we have had from Capt. White to-day. Mr. TREMBATH seconded, and the resolution was adopted.

Mr. BONE: What have been the costs on the new shaft ast three months ?--Capt. WHITE: I should safely add on another 800l Mr. Bone: That has, of course, come out of our pocket?-

WHITE: Yes; there is 700L paid in labour.

The CHAIRMAN: We have supplied the contractor with nearly 150L worth of materials, and spent more than 100L in timber in the

1500. worth of materials, and spent more than 1000. In timber in the shaft. So that our charges are little short of 1000l.

Capt. White: That, of course, is all extra cost.

The Chairman: If this were a Limited Liability company this expenditure would be put down to capital account.

Mr. John Branwell: It is usual to propose a vote of thanks to the agents of the mine, and to the committee, and I think we should be wanting in courtesy, after the very valuable report we have heard from Capt. White to-day, and from the Chairman, on behalf of the committee, if we neglected that pleasant part of our duty. of the committee, if we neglected that pleasant part of our duty. Therefore, I have the greatest pleasure in proposing that the best thanks of the shareholders be given to Capt. White, the manager, and to the Chairman and committee, for their services during this quarter.—Mr. FABLEY seconded, and the motion having been

The CHAIRMAN, in responding, said they had greater pleasure that day than at any previous meeting. They had, he thought, reason to congratulate themselves on the 7s. 6d. dividend, which was fairly earned, and, he felt, easily earned; in fact it was more easily earned than their December 2s. 6d. dividend; and the future of the mine was better than it had ever been. He believed the opening of the tin ground in the bottom level, and the opening of the south lode, would prove they had a very important and lasting concern.

Capt. WHITE, in reply, remarked that he had been on the mine Capt. White, in reply, remarked that he had been on the mine now 16 weeks, and he had striven to carry out his services faithfully. They had been pushing on their developing points as rapidly as they possibly could, knowing these were really and truly the leverage of any mine. As had been so wisely said by the Chairman, the discovery at the 235 was important: he (Capt. White) regarded it as very important indeed. It was a capital thing so far as they had gone. Assays had been valued from the stuff, but he did not regard the assays as representing the value of the lode, as a lot of granite had been mixed up with the stuff. Yet the produce was 1 cwt. to the ton. The had the tin in the 225, and this discovery showed the rich tin grour was lengthening in depth. He believed too, that the eastern ground would turn out well, although, as yet, it had not been great. He did not think they had seen the northern part of the lode in the eastern the of the mine. He did not think they need be in the least alarme the patch of granite in the lode. They were pushing on the sout Since the last meeting they had started two lode as fast as possible. lode as fast as possible. Since the last meeting they had started two ends west going towards East Pool. The ground opened up had been most satisfactory. He thought it would be a useful and productive lode in the future. He was of opinion that the prospects had improved very much indeed during the past four weeks (Hear,

BOTALLACK.

At the three-monthly account at Botallack-Mr. T. H. JAMES, the purser, presiding—the accounts were:—Labour costs, 2484, 15s.; merchants' bills and coal, 9731; total, 34571, 15s. The tin sold realised 3380.1 s. 2d; arsenic, 391. 4s. 9d.; old iron, 91. 19s. 6d.; total, 34291. 5s. 5d—a loss on the quarter of 281. 9s. 7d. This increased the balance against the mine to 36571. 19s. 11d. No call was made, and the committee were re-elected.

The report of the agents was as follows: ade, and the committee were re-elected.
The report of the agents was as follows:

Wheal Cock: The 170 north is driving, and worth 5t. per fathom. between the shaft and the winze is now in course of stop. The 160 north is worth 10t. per fathom; the 160 west is driving, has a kindly appearance, and will pay to work. The 150 south has been driven west of Michell's shaft 2 fms. The end is being a kindly appearance, and will pay to work. The 150 south has been opening paying ground; we hope for a further improvement in this end. The 135 south is driving, and at present approductive, but a paying lode is gone down under the 125 in advance of this end. A winze is sinking under the 70 south, to communicate to a rise over the 85. This will lay open some good tribute ground,—Carnyorth: Nineveh shaft is sinking under the 136, and is now down 11 fathoms. In another month we shall commence driving the ends, and prepare to sink another lift. The 156 west is worth 64, par for The 136 east is driving and producing tin, but not sufficient to pay. A winze sinking under the 136 west is in good tin ground, worth 201. per fathom. The 124 west is driving and per fathom. The 124 west is driving and opening tribute ground. The 112 west, on Nogger, is unproductive. The 112 east has improved, but is not opening paying ground. The 100, east of cross-cut continues to open ground, worth about 5l. per fathom.—Higher Estallask: The 60, driving south of Scorran, has opened some tribute ground. The adit south on Scorran continues unproductive. An end west of engine-shaft is worth 4l. per fathom. There are 50 men and one boy opening, and 89 men and 13 boys stoping ground on tut and tribute

dinner PURSER said they had not many toasts on the list After "The Queen" (which had been duly given and honoured) came "Success to Botallack." He certainly did think, a short time since, He certainly did think, a short time since, "Success to Botallack." He certainly did think, a short time since, when they added to their labour cost, with a view to further explora-tion, that the 28% the adventurers found against them that day would

for the quarter. His expectation of a moderate profit was disposed times falling—tin standards; and this had

for the quarter. His expectation of a moderate profit was dispointed by varying—at times falling—tin standards; and this caused their 28% loss to-day. He would not say anything more about the caused their 28% loss to-day. He would not say anything more about the control of the committee of them or to appear the control of the committee of them or to appear the control of the committee of the co oroughly re-established health. (Applause.)
The Purser was ready to admit, willingly but hopefully, that it

the PURSER was ready to admit, whinning out nopefully, thath health had not been strong of late; but, with a little care, chang and moving about, he trusted to meet them again with restor strength. (Applause.) He did not intend to go away, and he is perfectly satisfied that those of Botallack's executive who remain

them very much. (Applause.)

Mr. HENRY THOMAS, a member of the committee, said it had be Mr. HENRY THOMAS, a member of the committee, said it had be suggested to him to propose a toast, which seemed naturally to a not out of the purser's interesting little speech—it was that of—"h. Agents of the Mine." (Hear, hear.) He was sorry that the expession of these good wishes had not occurred to him before, became the more favourable position of Botallack to-day was largely due those agents. That position meant this—technically, they were paing their way, and it was not the fault of the agents that they had not returned, during the past three months, as much tin as the anticipated. (Hear, hear.) He really trusted that Botallack had now turned a corner, and that—not at the next account, but at the account after the next—if they were not frozen out, as they also he dried out this time, they would be paying their way. (Applause.) For the changed aspect of affairs and for a more promising future they were very largely indebted to the purser, we secured the higgest possible price for their mineral, and to the secured the higgest possible price for their mineral, and to the agents for the effort they put forth. (Applause.) He ventured think there was no one present who would decline to join in toast of "Success to the Agents of Botallack." (Applause.)

think there was no one present who would decline to join in the toast of "Success to the Agents of Botallack." (Applause.)

Capt. ROACH, for the other agents and himself, said he was medobliged to Mr. Thomas for his kind wishes. As to health, speaking individually, he had enjoyed splendid health of late, and for the coupler than for very many years; but he might say, truthfully might he hoped modestly, that all the energies of the agents were speaked by the same of the good of Botallack. (Applause.) The mine is doing about as much, as the purser and Mr. Thomas had mentioned, as she miles and the content of the present and the same had been as much, as the purser and Mr. Thomas had mentioned, as she miles are the transfer to the purser and Mr. Thomas had mentioned, as she miles are the transfer to the purser and Mr. Thomas had mentioned, as she miles the purser and Mr. Thomas had mentioned. could do to open up her resources, so as to have a brighter fatus (Hear.) Botallack has 28 points being developed in shafts, wing, and levels: 51 men are doing this. Such a development is it very heavy expense for a mine like this. (Hear.) Perhaps many larger bal than this could not boast of opening up so many plat as Botallack is now doing. As to the finances of the mine, the had an item in this month's accounts for the boring-machine, which was working until two months ago—not that they had now charge the whole of the quarter's cost, but the greater part of it is charged. Botallack had no great amount of reserves open; it struggling on, encouraged by the hope that it was not in a wa position than for some years and aiming at more reserves. The expected, from the present prospects, to raise as much tiangle quarter as in the last. Not that the agents could make any position gagements. If prices for mineral declined, or other unfavour roumstances arose, they cannot do so. But, if things go on mot of late, the agents hoped to do as much and—something to applause.) He was exceedingly obliged to all the sharehold recent for their code without the sharehold recent for the sharehold recent fo present for their good wishes.

WEST WHEAL SETON-CALL OF 10s, PER SHARE. four-monthly meeting of shareholders in West Wheal Seton held, on Thursday.

Mr. THOMAS PRYOR (the purser) presided Labour costs were 26401. 9s.; merchants' bills, 15231. 2s. 46 bankers' charges, 831. 3s. 3d.; rates, 141. 1s. 8d. The total delwere 42601. 18s. On the credit side copper ore realised 1431. 7s. 1 tin—52 tons 2 cwt.—brought 26151. 3s.; extra carriage of tin, 1018 arsenic—36 tons 143 cwts.—1861. 4s. 2d. The total credits we sundries, were 29741. 7s. 2d., leaving a loss of 12561. 10s. 10d.

The Chairman remarked that the returns were not as large

tons as they had anticipated at the last meeting; their as, therefore, the greater. The reason was fully explained it sport. They had a very large extent of tin ground laid open. he had no doubt that at the next meeting the returns would be creased. Neither were the returns of arsenic so large; was less rank, and smaller also were the returns. They bup the accounts as closely as possible. He knew of nothing Their calls had been very heavy during the past two years; butth had been well responded to, and the arrears, he was pleased to me were below 300l.

JOHN MAYNE: What is the balance against the mine not The CHAIRMAN: The balance against the nine at the last me ing, on May 7, was 52051. This, added to the present loss, mildight 11s. 10d. Against that there was a call at the last meeting 10s. per share, realising 1151/. 16s. 5369/. 15s. 10d The balance not

The report of the agents - Capts. W. R. Rutter and Samuel nets—stated: Michell's engine-shaft, sinking under the 28 level is down 6 ft. The lode is 4 ft. wide, stamping work for The 238 has been driven east of Michell's shaft 7 fms. The is 4 ft. wide, and worth 8L per fathom. This end has lately communicated to a winze sunk below the 226, and all the ground the state of th the north part, and the lode, which is of a most promising char is worth 16t. per fathom. The stope in the back of this level of the winze, which includes both the north and south par worth for 8 ft. wide 25L per fathom. The 220 has east of Michell's shaft 36 fms. The lode is 2 ft. wide, and of value of 6L per fathom. The 226 has been extended west Michell's shaft on the south part 52 fms. The lode consists of and chlorite, but at present is of no value. This end is now will also shaft on the western shoot of tin ground, which is of 8 width, and of considerable value for 40 fms. in length. The part has been extended west from Michell's form the north part has been extended west form the north part has been extend worth for 8 ft. wide 25l. per fathom. The 226 has been extered east of Michell's shaft 36 fms. The lode is 2 ft. wide, and of on the north part has been extended west from Michell's 43 fms., or 33 fms. from the point of divergence from the lode. The lode in the end is 3 ft. wide, and worth 10L per fa Seeing that a winze under this level has lately been sunk and municated to the 238, the entire distance from the shaft to the prend is now available for stoping. We hope from this source able to materially increase the returns. The stope in the batter of the stope in the batter. the 226 on the north part is worth 122, per fm. The 216 on part, west of Michell's shaft, is worth 152, per fm. The stope as west of winze, in the bottom of this level, is worth 182, per fall. The 216 has been extended west from Michell's shaft 102 fms. in the end is 4 ft. wide, and worth 6l. per fathom. The in the back of this level is worth for 12 ft. wide 20l. per fathom in the 204 fm. level, 85 fms. west from Michell's shaft, we have We have been different, and a clean balance-sheet shown- at the least menced to sink a winze with the view of opening up some vale

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RE. eton w ground for stoping. The lode in the winze is 6 ft. wide, and worth 10l. per fathom. The cross-cut at the 204 has been driven north 10l. per fathom. The cross-cut at the 204 has been driven north 10l. per fathom. The cross-cut at the 204 has been driven north part has not yet been met with. We have 6 fms., but the north part has pen driven further west. There are five pitches in same lode, has been driven further west. There are five pitches in work, at tributes varying from 12s. 6d. to 13s. 4d. in 1l. During the work, at tributes varying from 12s. 6d. to 13s. 4d. in 1l. During the past 16 weeks we regret to state that at times there was a want of stoping ground. We are now glad, however, to say that having sunk and holed two winzes from the 226 to the 238 fm. level this samk and holed two winzes from the 226 to the 238 fm. level this same overcome, and at present there is ample stuff for the stamps. Altogether our prospects are much improved, and our returns will increase.

has been our prospects are much improved, and our restamps. Altogether our prospects are much improved, and our restamps will increase.

Captain RUTTER: We have been very short of stuff for the stamps on this occasion in not having more tin; but there is no reason to think we shall not have plenty of stuff, or that the returns of tin next time will not be larger than they are now. (Hear, hear.)

If. JAMES WICKETT said that, from what was contained in the report last time, he had thought the returns would be different to 52 tons of tin. The close of the last report stated—"We expect to increase the returns." He could only say they sent an agent to inspect the mine, and from his report, and the report of the agents of West Seton, they fully expected that the returns would have been larger than they were.

Captain RUTTER replied that in two of their stopes 100 fms. west of Michell's shaft, they last time had a very good lode, but these had fallen back to 30 lbs. of tin to the ton of stuff. They became so the stuff of the stamps of the stuff of the stuff.

had fallen back to 30 lbs. of tin to the ton of stuff. They became spoor that one had to be stopped.

Mr. Frank Michell: On the old lode?

Captain RUTTER: Yes. In a stope in the level of the 226, on the north, the lode has become very small; no larger than 1 ft. wide in some places. That is another reason why we have not got more tin. We could not see through the ground at the last meeting. (Hear, hear.) These things are frequently occurring in metalliferous mines. The CHAIRMAN: From present appearances there is no doubt we shall do better.

The CHAIRMAN: From present appearances there is no doubt we shall do better,
Captain RUTTER said unless there should be some unexpected falling off they would have plenty of stuff for the stamps in the coming four months, and, therefore, there was no reason to expect other than an increase in the returns of tin.

Mr. Wickett: With tin at 50£ per ton, I see no reason for leaving tin underground in the hope of better times,
Captain RUTTER: All the tin has been returned that could he returned.

Mr. MICHELL: It would be a pity to return tin if the costs were

Mr. MICHELL: It would be a pity to return tin if the costs were to prove excessive.

The CHAIRMAN: There is no doubt we might have returned more tinif we had not gone to work in an unminerlike way.

Captain RUTTER: We might have stoped the bottom before the winze were holed, but that I think would have been an improper

wines were noted, but that I think would have been an improper way to work.

Mr. Wickett (to Captain Rutter): You could not keep your stamps going you say?——Captain RUTTER: No, we could not. One of the stopes has improved lately, and we are having some very good suff from there. The level was a very good level, much better than the 204 above. I do not think it would be to our advantage to stope the bottom until the level had been put through.

The CHARMAN: You have that all right now?——Captain

RUTTER: Yes.

Mr. MICHELL: You will now be able to keep going your stamps with staff from underground?——Captain RUTTER: Yes.

Mr. WICKETT: It will take apparently 70 or 80 tons of tin per

for months to pay costs.

The CHAIRMAN: That is no very great thing to anticipate. I am Captain RUTTER: Tin lodes are constantly shifting about, getting

Captain RUTTER: Tin lodes are constantly shifting about, getting larger, and poorer, and richer. Your prospects may be very good today, and yet in the course of a little while your prospects may become poor. And who can foresee that?

Captain RUTTER, in the course of further conversation, gave expression to his opinion that Mr. Wickett was too critical—was casting reflections on his management, but Mr. Wickett fully and freely admitted that nothing was further from his thoughts.

Mr. MICHELL (to the Chairman): What call will you require?—The CHAIRMAN: We cannot do with less than 10s., and it is not advisable to ask for more.

Mr. MICHELL: I think 10s. will clear our heels.

Mr. BARNETT, F.G.S.: It will leave a little balance.

The accounts were adopted, and a call of 10s. per share accordingly made.

Mr. Barnett, F.G.S.: It will leave a little balance.

The accounts were adopted, and a call of 10s. per share accordingly made.

After dinner, Mr. Thomas Hutchinson proposed "Success to the mine," and remarked that that was a toast in which they recognised that which was an advantage not only for themselves, but for the neighbourhood generally—that in which they hoped they had a good mine in West Seton. It was a very satisfactory statement of accounts, showing the amount of arrears to be 300% only. It had been ramoured in their neighbourhood that the Messrs. Bolitho were going to withdraw their connection from the mine. He was, however, pleased to see the representative of the Messrs. Bolitho there that day, and to know there was no truth whatever in the assertion. Still, this was a very important matter to be thought of—that was in regard to labour and capital. For should the Messrs, Bolitho withdraw from the concern, the step would seriously affect the neighbourhood. It must be evident that in the great number of calling mines labour was dependent on capital. And in such mines as West Seton, South Crofty, Cook's Kitchen, New Cook's Kitchen, and South Frances, as calling mines, who withdrawal of capital would be a serious matter. The Messrs, Bolitho were spending much money in Cornish mining, as also were Mr. W. H. Williams and Capt. Teague.

Capt. Rutter: With respect to the mine I cannot add more than

capital would be a serious capital mining, as also were Mr. W. H. Wilhams and Capt. Rutter: With respect to the mine I cannot add more than I have specified in the report, and with respect to the questions of Mr. Wickett I thought they involved a reflection. But Mr. Wickett says he did not mean to convey anything of the kind, and I accept the explanation. In regard to the Messrs. Bolitho withdrawing from West Seton I think that arose from a rumour spread by the Vivianites—"Oh," and laughter.) It was rumoured in Camborne that if Mr. Conybeare got in as a member for the Mining Division the Messrs. Bolitho would withdraw their interest from the Camborne mines. I do not think they have the slightest intention of withdrawing from West Seton. (Hear, hear.)

The CHAIRMAN: I cannot allow a remark of that sort to go out without saying a word about it. So far as the Messrs. Bolitho are concerned, this is the first intimation I have had; I have never heard of it before. I may state that since their connection with the mine the Messrs. Bolitho have shown the greatest confidence in the officials

of it before. I may state that since their connection with the mine the Mesra. Bolitho have shown the greatest confidence in the officials here, and have, I believe, thoroughly satisfied themselves that in West Seton they have a valuable property. The future is a question of a little while, and I hope they will be repaid every penny they have laid out in this mine. If any persons deserve success they do. They are doing their best to bring the mine into a successful state. So far as political feeling is concerned, we, the officials, have had nothing of it in this mine. We should not for one moment use our is political feeling is concerned, we, the outclass, have a conformed in this mine. We should not for one moment use our se for Mr. Vivian, Conybeare, or for anybody else. (Hear, The men have their votes; they should do as they like, with least expression of investment of the agents or any other the least symptom of interference from the agents or any other ficial of the company. (Hear, hear.)
The company then separated.

GWYDYR AMALGAMATED MINES COMPANY, LIMITED (IN LIQUIDATION).

(IN LIQUIDATION).

The liquidator Mr. E. ASHMEAD, held, at 2, Drapers' Gardens, on Thursday, the final meeting of this company, as required by 143 Section of the Companies Act, 1862.

The following resolution was passed:—

"That this meeting having heard the liquidator's report and statement of accounts, showing the manner in which the winding-up of the company has been conducted, and the property of the company disposed of, approves of the same, and hereby allows and passes the said report and account now presented."

CLEMENTINA LEAD MINE COMPANY, LIMITED (IN LIQUIDATION).

The liquidator, Mr. E. ASHMEAD, held at 2, Drapers Gardens, on

Thursday, the final meeting of this company, as required by Section 143 of the Companies Act, 1862.

The following resolution was passed:—

"That this meeting having heard the liquidator's report and statement of account, showing the manner in which the winding-up of the company has been conducted, approves of the same, and hereby allows and passes the said report and accounts now presented."

BLUE HILLS MINE.

A meeting of the adventurers was held on Friday, August 31, at the account house, Mr. WALTER PIKE (the purser) in the chair. The labour costs were stated to be 1265£. 16s. 11d.; merchants' bills 369½. 7s. 6d.; bankers' charges, 56½. 16s.: 34 tons 5 cwts. 2 qrs. 24 lbs. of tin had been sold, which brought (less extra carriage, 17½. 2s. 10d.) 1874½. 12s. 10d., showing a profit of 19½. 13s. 5d. for the 16 weeks' working. This, with the proceeds of the sale of 220 forfeited shares, reduce the debit balance against the mine to 739½, 9s. 11d. Capt. RICH (the manager) having expressed his opinion to the effect that the future of the mine was of a most encouraging nature, it was not considered necessary, under the circumstances, to make

it was not considered necessary, under the circumstances, to make

The meeting was then made special, and it was unanimously decided to double the present number of shares, making them 6000

CARTAGO (LIMITED).

An extraordinary general meeting of shareholders was held at the City Terminus Hotel, Cannon street, on Tuesday, Major W. F. DESPARD in the chair.

Major W. F. DESPARD in the chair.

Mr. F. J. WARNER (the secretary) read the notice convening the meeting, which stated that the meeting was called "for the purpose of considering the present position of the company, and the best steps to be taken in the interests of the shareholders."

steps to be taken in the interests of the shareholders."

The report of the directors and that from Mr. J. A. Skertchley, the manager at the mines, accompanying it, were taken as read.

The CHAIEMAN said he wished, first of all, to make a personal explanation with reference to his appearance on that occasion. He was not the Chairman of the company; but since the lamented death of Lord Claud Hamilton, which was an irreparable loss to the company, they had had no permanent Chairman and he had company they had had no permanent Chairman and he had company. He was not the Chairman of the company; but since the lamented death of Lord Claud Hamilton, which was an irreparable loss to the company, they had had no permanent Chairman, and he had consented, at the request of his colleagues, to preside over that meeting. It would be unnecessary for him to refer at any length to the condition to which the company had been reduced owing to the attacks of persons with no interest in the company, or a very small interest indeed. What their object had been he was unable to say; but he knew this, that if they had succeeded in carrying that object it would have been at the expense and great loss of the body of shareholders. His colleagues and himself had done everything that men could do to ascertain the value of the property, and he believed that they had a gold mine second to none in the world, and this being so he hoped the shareholders would stand shoulder to shoulder to rescue this valuable property from its would be wreckers. With regard to the appointment of Mr. Winwood Smith to the management of the mine, he wished to state that Mr. Smith had been working in the neighbourhood of Cartago, and the directors received the highest possible character of him with regard especially to the economy of his management. The meeting of the board at which Mr. Smith was appointed was one of the very few meetings that he (the Chairman) had missed; but he saw Mr. Smith a few days afterwards, and not feeling perfectly satisfied, he consulted Mr. De la Costa, who had been sent over by Mr. Liccioni, the managing director, to represent him, and Mr. De la Costa assured him that the board could not have made a better choice than Mr. Smith, who, he said, was not only very economical in his wishes and tastes, but was in addition a thoroughly honest man, and would be thoroughly acceptable to Mr. Liccioni. The necessity of having an honest man being of the first importance, he could say no more, and Mr. Smith was sent out to Venezuela with well-defined instructions from the board to go on with cert was sent out to Venezuela with well-defined instructions from the board to go on with certain shafts in which gold was known to exist. Mr. Smith, however, attacked the No. 4 shaft, sinking on the Caratal vein, which, though no doubt a very good and proper shaft to sink, was not one that was calculated to return gold to the shareholders immediately, as the Caratal vein was 250 ft. from the surface. The board wrote, besought, entreated, and did everything they could to induce Mr. Smitht, cone with the New 3 and 2 shafts constructions. immediately, as the Caratal vein was 250 ft. from the surface. The board wrote, besought, entreated, and did everything they could to induce Mr. Smith to go on with the Nos. 3 and 2 shafts, so as to get early returns of gold, but to no purpose. This went on for some time, and at the end of six months Mr. Smith wrote home demanding double salary and an allowance for entertaining guests who came to visit the mine. Of course the directors could not accede to these demands, and they at once set about to find someone else. Before they could do so, however, Mr. Smith very wisely sent in his resignation, and the board were very fortunate in securing as his successor Mr. Skertchley, who since he had been at the mine had done wonderful things, and he was only sorry that Mr. Skertchley was not appointed at first. (Hear, hear.) With reference to Mr. Skertchley's letter of the 14th June it would be seen that a certain sum of money was absolutely required to put the company in a thoroughly good, sound, dividend-paying state. Since that report came to hand further advices had been received from Mr. Skertchley, dated July 12, in which a great deal of additional information was given, and in which the writer said "the patience of the shareholders will not require to be drawn upon much longer." The correspondence had been delayed owing to the revolution in Venezuela, and the board had been at a standstill, for, owing to the attempts which had been made to put the company into liquidation, a great many of the shareholders had not paid their calls. It had been the intention of the board to send out Cornish pumps at once, as they were much needed; but this became impossible, owing to the action of three Dubin shareholders, who, on the strength of most unfounded and barefaced statements, presented a petition for the winding-up of the company. Mr. Skertchley in his last letter stated that he intended starting shareholders, who, on the strength of most unfounded and barefaced statements, presented a petition for the winding-up of the company. Mr. Skertchley in his last letter stated that he intended starting milling with 10 stamps, and would wire the result, and a telegram, dated the 18th inst., had since been received, stating that 34 tons of quartz had been crushed, and had yielded 53 ozs. of gold. (Cheers.) In his letter Mr. Skertchley stated that \$\frac{3}{2}\$ oz. of gold to 1 ton would pay all the expenses on a largely increased scale, so that if that estimate were correct they would have a profit of nearly 1 oz. of gold to 1 ton of quartz treated. If any quantity were treated it would be seen that the company would earn very large dividends indeed, and he believed that there would not be a single shareholder in the comhe believed that there would not be a single shareholder in the company—even those who had been foolish enough to pay 3d. apiece to buy a rod to whip their own backs with (laughter)—but would thank Providence and Mr. Skertchley that this valuable lode had been found. He (the Chairman) read several extracts from Mr. Skertchley's last received letter, and explained that many of the repairs done under Mr. Smith's directions had had to be undone thus causing. ney a nate received letter, and explained that many of the repairs done under Mr. Smith's directions had had to be undone, thus causing delay and further expense. Mr. Skertchley in his report expressed the opinion that Cartago would at some future time be in a better position even than El Callao, and he might remark that the El Callao 4001, shares had been selling for 40001, each. He had crushed 16 tons of debris, out of which he had taken 8 ozs. of gold. Of course in treating the debris there was merely the cost of crushing it.

Mr. HARRIS wished to rise to a point of order. There were reversal grattlemen cutside representations about the shareholders who are

Mr. Harris wished to rise to a point of order. There were several gentlemen outside representing absent shareholders who are not admitted. Is that done with the sanction of the board? These gentlemen merely wished to hear what was going on so that they

might be able to report.

The CHAIRMAN: It is for the sense of the meeting to say whether we shall admit representatives of the committee who hold 200 shares between them, and who in their magnanimity thought that we should be wound up. (Lanchter.)

A SHAREHOLDER: They should come and look after their own

Mr. HARRIS: Perhass you will put it to the meeting.
Mr. Byron: I move that they to not present at the meeting.
A SHAREHOLDER seconded the motion, which was put and carried.

The Chairman, continuing his remarks, said that they had established, he thought, that they had a really valuable mine; not a property in which they had to search for lodes which might or might not be present, but in which several very valuable loads were known to exist, such as Tigre, Welcome, Caretal, and Cartargo. Would they, therefore, let the proverbial ha'porth of grease be wanting to bring about good results. He thought not. (Hear, hear.) He hoped that the petitions would be got rid of, and that the money required would be found. Now, as to the present position of the company. There were two petitions presented to the Court to wind the company up. One originated from the original committee got up by a gentleman he would not name, because he was not present, and their proposal was to wind-up the company for certain reasons given in circulars which were sent broadcast, and which, he could assure them, were utterly unfounded in fact. The second petition was presented by Mr. Smith, the gentleman who, during his short period of management, had done all this mischief—(Cries of "Shame.")—and from whom at that moment they had not been able to get a statement of accounts. Mr. Smith claimed 1000l. for salary; but so far as he (the Chairman) could see Mr. Smith had paid himself pretty well. He actually took away the company's books, and if he had not been arrested at Trinidad he would have smuggled them away altogether.

Mr. SPRATT: On what grounds do they seek to wind you up?—
The CHAIRMAN: That we have no money and no mine; that every statemen in the prospectus was false, and that the directors were swindlers. The Chairman, added that Mr. Nelson stated that the property consisted only of about 90 acres instead of 600 acres as stated in the prospectus; but he had received a letter from Mr. Liccioni stating that they had 1217 minas, or about 2500 acres. (Cheers.) They could only admire the cunning and subtlety with which these attacks were made, just when the last call was due; but he was astonished that some of th

he was astonished that some of the shareholders should have been so utterly misled by statements that bore on them their utter untruth. Shareholders seemed to be like a flock of sheep. If the most tainted of the flock was put into a gap all the others, or a good many of them followed; and so in this company, some of the shareholders that followed a few persons holding an insignificant number of shares in what was really an endeavour to ruin the company. He hoped that with, the assistance of the bona fide shareholders this agitation would be put to an end to, and that they would establish a mine in which every shareholder would be glad to have an interest. As to the unpaid calls, he believed that about 6000% of the amount was good.

The SECRETARY, in reply to a Shareholder, said that about 75,000 ares were issued.

The Chairman added that 16,000 of the shares were applied for

The Secretary, in reply to a Shareholder, said that about 75,000 shares were issued.

Tho Chairman added that 16,000 of the shares were applied for by agents in Paris, who paid about 20001. in application money; but when the attacks were made on the company, the Parisian holders became alarmed and they had not been able to get any of the calls, nor did he think they would. They would, therefore, forefeit the shares, retaining the 20001., and perhaps reducing the capital by their number, and thus lessening the amount upon which dividends would be payable. They had really about 60,000 shares, and as Mr. Skertchley expected to be able to pay 15 per cent. on a capital of 200,0001., it would be seen that the dividend upon less than 60,0001. would be very large.

A Shareholder asked what had been paid for the Tigre property?——The Chairman replied that it was purchased for 30,0001. in cash and 30,0001. in shares, which were held in Venezuela. Mr. Bury thought it unjust to press willing payers and let off those who objected to pay. (Hear, hear.)

The Secretary said they had one or two test cases in process; but they could not prosecute shareholders wholesale. They could however, forfeit the shares and sue for the calls outstanding.

The Chairman said he hoped that the shareholders when they heard and considered the excellent prospects of the company would not give the board the necessity of forfeiting their shares. Against the 60001. which they believed to be good of the arrears of calls, they had unpaid bills to about a like amount. These were acceptances at the mine incurred by Mr. Smith, who gave no notice of them to the board until all the bills were sent in in a rush. Practically if the calls were paid and all the demands on them were met they would have no money to go on with. The question was how they should raise the money required. Several of the shareholders had expressed their willingness to take debentures, and Mr. Skertchley had offered to subscribe 1001, in that way; and under the circumstances it seemed

A SHAREHOLDER asked if Mr. Smith was recommended to the company by Mr. Liccioni?——The CHAIRMAN replied that Mr. Smith applied for the situation, and was recommended by Mr. De

La Costa and by other gentlemen.

Mr. Berry asked how it was that Mr. Liccioni, the managing director, had allowed Mr. Smith so to mismanage their affairs? (Hear, hear.)——The CHAIRMAN said Mr. Liccioni had done all he could, but he could not live at the mine, nor could he take the manager by the ear and insist on his doing certain things.

The STREMANY replying to a question said the company had

manager by the ear and insist on his doing certain things.

The Secretary, replying to a question, said the company had received about 56,000l. in cash.

Mr. Berry asked how the money had been spent? It was a very large sum, and there ought to be an independent investigation into the way it had been spent. (Hear, hear.)

The Chairman said there was no necessity for indignation or warm feeling. Any shareholder could see all the documents, but they could not present audited accounts until proper accounts were received from the other side. The Chairman then read a draft balance-sheet, showing that out of the 56,000l. 30,000l. had been paid for the Tigre property; 13,369l. had been remitted on account of working expenses; plant and machinery and tools sent out 585l.; dynamite, 795l.; or a total of 14,75ll. 8s. 2d. Then there was the item of preliminary expenses, which the board had done all they could to reduce. The amount chargeable under the Articles of Association for preliminary expenses was about 14,000l., or 4 per cent. on the capital. cent. on the capital.

A SHAREHOLDER: It is a great shame; a most abominable thing;

A SHAREHOLDER: It is a great shame; a most abominable thing; a daylight robbery. (Laughter.)

The CHAIRMAN: We reduced the amount very nearly 50 per cent., and the preliminary expenses figure here for 7500%.—(hear, hear)—instead of 14,000%. We did that after a great deal of trouble.

Mr. BERRY: How was the 7500% expended?——The CHAIRMAN said he was not the vendor of the property, and could not explain the matter beyond saying that the Articles provided for a payment of 4 per cent. on the capital subscribed. The Chairman proceeded to give the items of the statement of accounts—The engineers salaries and travelling expenses, 1174% 9s. 8d.; office rent, secretary's salary, &c., 617%. 10s.; directors' fees, 900%; printing'and stationery, 119%. 12s. 7d.; and other smaller items (which the Chairman stated), leaving an amount of cash at bankers 952%. 15s. 1d.

A SHAREHOLDER: Why was not that statement printed and circulated amongst the shareholders. We cannot carry these figures away in our heads.

The CHAIRMAN explained that the board issued a circular some time ago saying that as soon as they received proper accounts from

time ago saying that as soon as they received proper accounts from the mine a duly audited statement of accounts would be sent to the shareholders. The statement which he had read was only an approximate one; but they were anxious to save expenses in every direction, and even a small circular sent to all the 1700 shareholders cost a good deal of money. When the accounts from Venezuela came to hand a proper balance-sheet would be sent to all the shareholders. They had no permanent Chairman, thereby aving 2501. a

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year, and the directors had voluntarily renounced their fees until the company should be in a dividend-paying position. (Cheers.) He hoped the hareholders would strengthen the board by sending from among their number (say) two reliable men, who would fully represent the feelings of the shareholders, and help to rescue the mine. Personally, if any of the shareholders had any doubt of his integrity and straightforwardness in the matter, he would at once place his resignation in the hands of the shareholders, and let someone else take his place. (Hear, hear.)

A SHAREHOLDER said the vendor received 100,000 shares, and many of these had been flooding the market. Were all these shares disposed of ?——The CHAIRMAN said he was not in a position to state that; but he could say that not a single Venezuelan holder had sold a single share in this market.

M. Handy referred at length to what he called the rese-coloured

Mr. HARRIS referred at length to what he called the rose-coloured Mr. HARRIS referred at length to what he called the rese-coloried statement of the Chairman. The troubles of the company were put down to the management of Mr. Smith; but the shareholders had been told over and over again that Mr. Liccioni, the managing director, was supervising the whole of the management of the mine.

HARRIS: I am not Mr. Nelson. I am a shareholder

The SECRETARY, in reply to a SHAREHOLDER, said Mr. Harris held

shares. ("Oh, oh!")
Mr. Byron: I am told that this gentleman is the proposed liquida-

-proposed by the committee. he CHAIRMAN: That is so.

The CMAIRMAN: That is so.

Mr. BOYCE, speaking as a large shareholder, moved—"That in the opinion of this meeting it is not to the interest of the company that the same should be wound up, and that the directors be requested to take measures to represent the opinion of the shareholders to the urt accordingly upon further hearing of the impending position.

Mr. ARTESANI seconded the motion, which was carried unani

mously.

The CHAIRMAN said the next business was as to the raising of further capital. The Articles of Association gave the directors The UHAIRMAN said the next business was as to the raising of further capital. The Articles of Association gave the directors power to issue debentures, but it would greatly strengthen the hands of the board if the shareholders present would express some opinion on the point, and he hoped that some one or two gentlemen of position, and with a good stake in the company, would join the board.

Mr. FRANKE: How many shares have you got? I hold 100 shares

Cries of "Order.")
The CHAIRMAN: My holding is on the register. I thoroughly re-The CHAIRMAN: My holding is on the register. I thoroughly respect you as a holder of 100 shares. I hold 350 shares myself, and I have paid for every one of them. (Hear, hear.) The Chairman went on to express his belief that the past mismanagement of the property was not due to any want of care on the part of Mr. Liccioni. The shareholders notice with satisfaction the change that had been wrought by an energetic manager working solely in the interests of the company. From all the facts which had come to his knowledge he sincerely believed that they had a mine which they would all be proud to belong to before many years were past.

Mr. LEGEIT believed that notwithstanding all the mistakes that

had been made the company really possessed a valuable property, and thought the shareholders would do well to assist their directors, who were worthy men, and he moved—"That this meeting records its unabated confidence in the ability, integrity, and zeal of its directors, and urges upon them the vigorous prosecution of the works now in progress at the mine."

Mr. LEAKEY seconded the motion.

Mr. OTTO FRANKE moved a long amendment expressing the want confidence in the board felt by what the mover termed "the of confidence in the genuine shareholders.

Mr. Berry seconded the amendment so far as it expressed want of confidence in the directors. If the company really possessed a valuable property as had been made out, then there must have gross mismanagement, or the company would not now be in want of funds. He hoped the directors would allow three independent shareholders to make a thorough investigation in the affairs of the

company. (Hear. hear.)
The CHAIRMAN would willingly welcome Mr. Berry to the board, and was only sorry that that gentleman had not been a director from the commencement of the company, for he would then see that the board were free from blame. Mr. Berry or any other bona fide shareholder could have the information he desired by calling at the offices of the company. The directors had done nothic whatever to pack the meeting, and they had not even invited proxies.

A second amendment was moved by Mr. WORMALD, and seconded by Mr. Benry, stating that the shareholders withheld their confidence from the board until an audited statement of accounts should have

been presented

Mr. Franke thereupon withdrew his amendment, and Mr. Wor-mald's amendment was submitted to the meeting and lost by a large majority. The original motion was carried by 38 to 10, the directors

The CHAIRMAN said the board proposed to issue such an amount, not exceeding 20,000*l*., as should be absolutely required, of Ten per Cent. Debentures. He hoped that about 12,000%, would be sufficient. The directors were willing to take their share of the debentures, and if the shareholders would take about a fifth of their present holdings in debenture, the company would be freed from its

A resolution was passed approving of the proposed issue of de-bentures, leaving the duration of them to the discretion of the

At the suggestion of Mr. GRUCHER, Mr. Boyce, a holder of 2000 shares, and a representative of 26,000 shares, consented, on the invitation of the Chairman, to join the board.

The meeting then closed with a cordial vote of thanks to the Chairman.

Chairman.

A meeting of the subscribers to the fund recently raised by the committee appointed in June last was also held at 9, Dashwood House, New Broad-street, on Tuesday,
Mr. JOSEPH NELSON in the chair.

Mr. JOSEPH NELSON in the chair.

In the circular calling the meeting it was stated that 1241. 9s. 9d.

redbeen subscribed to the fund by 339 shareholders. Out of this

531. 10s. 3d. had been paid for printing, postage, newspapers, and
clerks directing circulars and papers. There were liabilities outclerks directing circulars and papers. There were liabilities out-a anding to the amount of 311. 18s. 4d., and "there is the sum of 851, 7s. 6d. in the hands of the bankers standing to the credit of Mr. Swaby and myself (Mr. Nelson), so that were I to pay off the liabilities, there would be owing to me from the fund the sum of 461. 64. 4d. The action of a section of the committee is manifestly intended to defeat a full and proper enquiry into the gigantic fraud perpetrated by the promoters of this undertaking." The circular added that only one member of the present acting committee had naid his subscription.

The CHARRAN produced a summary of the amounts received and raid; the agenda book and the minute book of the committee, the bankers' pass book, and the whole of the correspondence which had taken place, and he said at the outset that he made no claim whatever upon the subscribers for his own services. Indeed, if a majority of the subscribers in number and value asked that every shilling he had received should be returned he would return every far The actual sum received had been about 1181., though he thing. The actual sum received and been adout 102. Hough he had given credit for 1241. 93 d., the bean even he postal orders irregularly sent, which had not yet been actually received, and of this amount 851. 7s. 6d. stood at the credit of Mr. Swaby and himself at Messrs. Brown, Jansen's. The list of shareholders had cost about 61., and he had paid printers on account 101. Before the meeting of the 26th June he had received a great many letters from the third to each there are presentables at received. shareholders asking him to send them a paper containing a report of what took place, and in consequence of this request he ordered 1600 copies of a daily paper in which a report of the meeting appeared, the postage to every shareholder costing 91, 15s. 6-1. When the committee met they decided that a fuller report of the meeting should be sent out, and that was done; but on the following

Saturday there appeared in the *Mining Journal* the best report of all, and this was sent to a large number of the shareholders. Mr. Nelson gave the other details of the expenditure, and stated that his own services, and he had personally written some hundreds of letters, had been given freely. He proposed to send a copy of this statement of accounts to each subscriber, and he would abide by what the majority said as to the subscriptions.

Mr. Bury said be thought the expenses incurred after the com-ittee met should have been incurred with the consent of the

committee.

The CHAIRMAN read extracts from the minute-book to show that s had been done, with the exception of the first lot of papers, ich were sent out before the committee met. The committee asked Mr. Proflitt (of Messrs. Batten, Proflitt, and Scott) to instruct counsel to oppose the petition for winding-up, but a few days afterwards three members of the committee—Messrs. Swaby, Leader, and Clark—wrote to Messrs. Batten telling them not to appear, and they sub-—wrote to Messrs. Batten telling them not to appear, and they subsequently dishonoured the cheque drawn for Messrs. Battens' out of pocket expenses. He had since ascertained that certain members of the committee were on intimate terms with members of the board. He had produced to the committee all the evidence necessary for the prosecution of the directors and promoters of the company without any serious additional expense; but they had taken no steps. The members of the committee only one of whom had paid his subwithout any serious additional expense; but they had taken no steps. The members of the committee, only one of whom had paid his subscription, had sent him a letter, which only came to hand on the morning of the meeting held a short time ago, asking for a full statement of accounts, the balance at the bankers, the amount in hand, and a copy of the minutes of all the committee meetings. course it was impossible to get copies made in such a short time, but he went to the meeting to explain matters and to invite every subscriber to come and see for himself what had been received and paid. The meeting, however, declined to hear him, and he had since been served with a writ, issued on behalf of all the subscribers, by R. Sutton Swaby—(laughter)—claiming to be entitled to hold the funds placed at the disposal of the committee by the subscribers, only one of their number being a subscriber. As he had already only one of their number being a subscriber. As he had already stated, he was perfectly willing, without the decision of any Court. to abide by the decision of the majority of the shareholders; but it as absurd to be asked to hand over money to those who were not ibscribers. (Hear, hear.)
Mr. Bury, in the course of some conversation, protested against

the subscribers being made parties to any such suit as that instituted

Mr. Swaby.
The meeting closed with a vote of thanks to Mr. Nelson

BIRDSEYR CREEK GOLD MINING COMPANY (LIMITED).

The 14th ordinary general meeting of shareholders was held at the offices of the company, Dashwood House, on Tuesday, Mr. J. T. P. PECHEY (the Chairman of the company) presiding. Mr. W. J. LAVINGTON (the secretary), read the notice calling the meeting; the report and accounts were taken as read.

The CHAIRMAN said the shareholders would remember that, when
they met a year ago, they met under rather depressing circumstances; Mr. Goodwa, the superintendent, in sending his annual report stated that the future prospects were not flattering. He (the Chairman) ventured at the time to express his opinion that Mr. Goodwin was suffering from a fit of the blues, and he thought the Goodwin was suffering from a fit of the blues, and he thought the operations of the past year had confirmed the opinion he then expressed. (Hear, hear.) The accounts now presented showed that for the 12 months under review 4472 oz. of gold had been obtained, realising, with other receipts, 16,802k, 19s. 5d., and leaving a net profit of 3976k, 14s. 4d. Considering all the circumstances, and the way in which they had been hampered by the suspension of hydraulic work, and that the Uncle Sam claim alone had been a source of revenue, he thought the accounts now presented were accounts on which they might congratulate themselves. The were accounts on which they might congratulate themselves. The profits had been just 4000l., and to be added to that was the amount paid for the Hankin's canyon. This had been obtained almost entirely from working the drift claim alone. The full report from Mr. Goodwin, on the second page, really left him very little to say as to the mine. As to the Red Dog claim, the water supply during the Last season had been so short that Mr. Goodwin had not been able wash at the claim, but he anticipated taking gold out there in the ming season. In the Necce and West there was nothing being one. In the Waloupa Mr. Goodwin was engaged in running a prospect tunnel. They knew that the ravines surrounding the mine had been extremely rich, and there was no reason to doubt that some-where in the Waloupa Mine they would find a rich channel of drift ground, even if they could not work it by hydraulic process. He now ome to the Uncle Sam claim. By the circular sent out on the 14th invary their expectations were somewhat raised by the report which Mr. Goodwin made on the property, but by his present report they would see that Mr. Goodwin had be they would see that Mr. Goodwin had been slightly misled; but at the same time he thought that Mr. Goodwin had fairly fulfilled the promise held out. In that circular he stated that his lowest estimate was \$2000 per month, and since then he had sent regularly \$2000 per month, and there was no reason why that should not be continued, for they had fortunately got into good gravel, which had egun to yield something more than that. The directors saw no reason to doubt that the mine would continue to make good returns until such time as they hoped to recommence hydraulic working. Up to the last two or three months he had very grave doubts whether the laws of California would ever allow them to begin hydraulic working laws of California would ever allow them to begin hydraulic working again; but from reading Mr. Goodwin's report, and from what he had seen in the newspapers, he had greatly modified that opinion, and he hoped that at some future date they would be able to resume hydraulic operations. In his report, Mr. Goodwin said:—
"Engineers are now surveying Bear river with the view of erecting dams, which I believe will be built within the next year." It was now were treatified to the directors to be able to go on paring alivin dams, which I believe will be sufficient that next year. It was very gratifying to the directors to be able to go on paying a dividend, which had been done from the Uncle Sam Drift claim, which had been opened two or three years ago. The question of the Hankin's canyon was another matter, which was mooted some time stankin's Canyon was another matter, which was mooted some time ago, and the directors felt that if ever they could purchase it at a reasonable price they ought to do so. Some telegrams passed between the board and Mr. Goodwin on the subject. In the first telegram Mr. Goodwin stated that he could buy Hankin's canyon for \$7000, and that if this company did not purchase it other parties The directors at once consulted some of were prepared to do so. were prepared to do so. The directors at once consulted some of the largest shareholders, and then sent a telegram to ur. Goodwin asking whether Hankin's canyon could be worked by any other water than the Birdseye water, supposing the property were purchased by other persons. Mr. Goodwin sent word back that the Hankin's canyon could be washed by water from the Yuba river, which meant that it could be worked independent of this company. The directors then telegraphed to Mr. Goodwin.— "Purchase low as possible, not exceeding \$7000, providing you can arrange to pay for it out of profits." In reply, Mr. Goodwin telegraphed that he could pay for it out of profits from the Uncle Sam claim, and in the next telegram Mr. Goodwin stated that he had bought Hankin's canyon for \$5000. That canyon had much intrinsic value apart from the value of the outlet; for years past all the gravel plays had found a logment them. Have lumps came down Hage lumps came down gravel plasts had found a lodgment there. gravet biases had found a forgiment there. Target umps came down
the canyon, and settled there, and these had gradually become disintegrated, and were ready to yield up their gold as soon as a sluice
was put in. There was one thing he should mention. The larger
amount of secretary's salary and office rent was occasioned by a
clerical error, the accounts being made up for 14 months instead of
12, but this would right itself next time. Since the accounts were

Mr. A. G. KITCHING seconded the motion.

J. SCHOFIELD thought the remuneration of the direct Mr. J. SCHOFFELD thought the remuneration of the direct was somewhat high, compared with what was paid in some ob-companies. Was the Hankin's canyon several hundred feet day —Mr. J. E. Bowe (a director) said it was about 100 ft. deep. The would not be allowed to wash there until they built a dam. companies.

would not be allowed to wash there until they built a dam.

Dr. Steel differed from Mr. Schofield regarding the directors a muneration. He pointed out that a few years ago the directors a linquished three years' fees on account of the state of the mins, as the shareholders were also under obligations to those gentlemes to raising 5000% for carrying on the mine. Had it not been for the directors and their friends the mine would have come to grid, the largest shareholder in the mine he did not wish the remumn tion to be lowered. (Hear, hear.)

the largest snareholder in the limit has been shall she remute tion to be lowered. (Hear, hear.)

A SHAREHOLDER asked whether Mr. Goodwin was going work Uncle Sam, and whether he could work it in spite of the determined of the Chareman briefly referred to the point which had been mind said that if it. The CHAIRMAN briefly referred to the point with has been run relative to the directors' remuneration, and said that if it was to unanimous wish of the shareholders that Mr. Schofield's suggests should be carried out—("No, no")—it was a question which directors must take into consideration. He should not continuate the continuation of the should be carried out—("No, no")—it was a question which directors must take into consideration. directors must take into consideration. He should not contines in the company unless he had the entire confidence of the shareholder (Hear, hear.) He should be glad if Uncle Sam would go on said they could recommence hydraulic mining. They had more groun untouched on the Birdseye property than they had worked during the whole of the past 14 years. Out of the 60 or 70 companies which were started 12 or 14 years ago to work mines in California, this was almost the only one now existing. If the directors had not the were started 12 or 14 years ago to work mines in California, this a almost the only one now existing. If the directors had not the selves taken up the debentures the company would have been we up. As regarded Hankin's canyon Mr. Goodwin was going to put a flume to work the bottom of the canyon. He could work noting standing the debris decision; that decision affected nothing

hydraulic mining.

Dr. STEEL asked whether the survey of the Bear river was been carried out by the United States Government or by the State.

Mr. Bowe said that probably it was being carried out under Mr. Bowe said that probably it was being carried out under the supervision of the Mining Association of California; if the mining raised dams and kept back the debris they had a right to work, so withstanding the hydraulic decision. The Hankin's canyon well not be worked by the hydraulic process, but by accumulating was in the Nesce and West claim, which would make it a large reservoir, and the water could be let out and carried through Hankin Canyon without hydraulicing. It would be placer mining. The CHAIRMAN, in reply to a question, said that in regard the Uncle Sam the directors did not for a moment wish to compute idea that Uncle Sam would not last more than two or the years, but what was meant was they hoped that Uncle Sam would ide over two or three years till they could commence hydralicide over two or three years till they could commence hydralic

tide over two or three years till they could commence hydral

ining again.
Mr. George Batters asked Mr. Bowe whether by pating puts" in the rapid stream which overflowed the cultivated la d also by dams, the debris could be washed down to the sea!and also by dams, the debris could be washed down to the seal— Mr. Bowe said the question had been raised as to the putting dom flumes by the side of the Sacramento river, and thus washing dom the debris, but that was too large a work for the miners to undertake and he did not think it would be done. The dams would be the cheaper way of doing it.

The resolution for the adoption of the report and accounts w en put and carried.

the motion of the CHAIRMAN, seconded by Mr. J. Schopiets a formal resolution was then passed, ratifying and confirming the purchase by the directors of the Hankin's canyon.

On the motion of the CHAIRMAN, seconded by Mr. PERRY, the retiring director, Mr. A. G. Kitching, was re-elected.

Dr. STEEL moved the re-election of Mr. C. O. Rogers and Mr. Hopkinson, as additors, and said that the shareholders were used great obligations to Mr. Rogers for the business-like and able repr which he drew up regarding the company's property on his return from California some time ago .- Mr. FRY seconded the t was carried The CHAIRMAN said that in Mr. Goodwin they had a m

perintendent, who worked most energetically, and did all he post bly could for the company. He thought something rather more sistential than thanks should be conveyed to him, and therefore proposed that the sum of 100% be awarded to Mr. Goodwin for the faithful and able manner in which he had discharged his dati

The motion was seconded, and carried unanimously, and a votes thanks having been passed to the Chairman and directors, the pro

THE LISBON-BERLYN (TRANSVAAL) GOLD FIELDS.

An extraordinary general meeting of shareholders was held at the Cannon-street Hötel, on Monday,
Baron ALBERT GRANT presiding.
Mr. JOHN DAVIES (the secretary) read the notice convening the meeting, and the directors' circulars to the shareholders and the

panying cash account were taken as read.
CHAIRMAN said the position of the company financially h een long known to the shareholders, and sooner or later it my have been obvious that the steps the directors now proposed to would be the wisest course, if not the only one open to them, to out of the labyrinth of financial difficulties in which the company become involved owing to the shortness of capital. The board we anxious to postpone going into liquidation as long as they could that they might have become possessed of positive information at the actual value of the property if it could be possibly obtained. the only question in his mind was not at this time whether they have not put off fally lo the step the board now recommended them to adopt hopes the last time they met together that in the event of am sum being subscribed the difficulties in the Transvaal migl been staved off, the chief danger being as regarded the sa their machinery there, and a small committee was appoint pject. This committee reported that some 3000l. would to be paid on account of their creditors in the Transu that object. enable the company to go on working the mine, so as to get n from it. The 3000l. was subscribed, and a good deal of it pai subscribed, and a good deal of it paid but the directors felt that the whole aum required not being paid they would not be justified in retaining the amount which they received, unless the object aimed at, of getting the crashing da-could be carried out. There was not sufficient money in hand to this, and the board felt that it was their duty to return the sump up to the subscribers, and to deal with the question in a compressive way. Consequently, after consultation with the chief sha holders, the scheme was decided upon for the reconstruction of company which was in the hands of the shareholders, board had resolved to follow in the lines of several of panies which had been placed in similar circumstances, which were now working satisfactorily, and to clear off the whof their liabilities, so that they might take a new departure. If the property is the convex taken by committee the convex taken by convex lines of several co had precedents furnished to them in the course taken by co in North America, California, and other parts, which the mined to follow more or less. It seemed to them that on most enbarrassing points they had to face was this—that they obliged to a certain extent to take a leap in the dark, in so fa nothing certain was known as to the value of their properly though they had had assays and statements as to the length of e 12, but this would right itself next time. Since the accounts were made up they had paid a dividend of 2s, per share, and the shareholders would, no doubt, like to know the present financial position of the company. They had in hand, in drafts not matured, 1800.—enough to provide for the 2s., dividend in December, and doubtless other drafts would come forward between now and December; but he was inclined to doubt whether in the face of the possible expense of creeting the dams in the Bear river, and in the present state of hydraulic mining in California it was advisable to pay more than 2s, per share from the Uncle Sam, and thus keep the company in a thoroughly satisfactory financial condition. (Hear, hear.) In conclusion, the Chairman moved the adoption of the report rad accounts. lode and the quantity of gold that might be expected to be got the crushing. But these were only statements, and the dis-were not able to bring before the shareholders actual results obtain Unfortunately, they had been unable to get to the point of crash and they were obliged to be satisfied with information as to ill prospects obtained from telegrams and letters. Of course, a which had caused the directors very great anxiety was whether were justified in asking the shareholders to sub-cribe to a new pany in the absence of actual results. The board had before the cross of night company which had been a migraty place. the cases of eight companies which had been similarly themselves, and were now working satisfactorily, and they decide to take action in like manner to that, which they had done. They had ors seen for the of. As an anexa-

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enly two courses before them, either to abandon their property altographer or to reconstruct the company, and subscribe more money to gather or to reconstruct the company, and subscribe more money to gather or to reconstruct the company, and subscribe more money to gather or to reconstruct the company, and subscribe more money to gate the shareholders to abandon their property. He had not been divise the shareholders to abandon their property. He had not been divise the shareholders to abandon their property. The had not been cut to the Transvaal, and had no personal knowledge of the property of great value, but on the other hand he would not take the perty of great value, but on the other hand he would not take the perty of great value, but on the other hand he would not take the perty of great value, but on the had gained he was in hopes that because from the information he had gained he was in hopes that because from the information he had gained he was in hopes that when sufficient capital was subscribed to put the mine into good working order they might fairly expect good returns. The directors had decided to limit the amount of the proposed subscription to the lowest possible sum; they were most unwilling to ask for a shilling more than was necessary to enable them to take a new departure with a fair prospect of success, but he thought there was good reason with a fair prospect of success, but he thought there was good reason with a fair prospect of success, but he thought there was good reason with a fair prospect of success, but he thought there was good reason of the new company of 11, each, credited with 18s. paid up thereon, and the effect of that would be to necessitate a further payment by the existing shareholders of 22, per share. It was contemplated that this should be spread over a period of eight months, 1s. being paid promptly, and the other in two instalments. He thought when this additional capital was subscribed the shareholder when maket, because he was given to understand that the great only two courses before them, either to abandon their property altostructions were to get the best and most experienced officials he coald find. He was not restricted as to remuneration, and the directors hoped that he would be enabled to engage some first-class men. He regretted to say that the result had not justified their expectations, and the board were bound to say that the mines had not been worked in a manner satisfactory to them. But the Transvaal being at a distance of 7000 miles the directors could not hold themselves responsible for the failure. If they had not been actually deceived—and he did not wish to use strong anguage—they had certainly been greatly disappointed. The Chairman then proceeded to read letters he had received from Mr. Thomas Parkyn, of Cornwall, and Dr. Stewart, expressing a very high opinion Parkyn, of Cornwall, and Dr. Stewart, expressing a very high opinion as to the value of their mines as a gold-yielding property, if properly worked and managed. These letters he said were an echo of the reports which were made from the commencement of the underthe reports which were made from the commencement of the undertaking; though speaking frankly, if it were now a question of joining an entirely new company, and putting their money in afresh, instead of being a reconstruction with the object of subscribing a little more money to safeguard that which had gone before, after the disappointment they had had he would not join the Lisbon-Berlyn nor advise any others to do so. But that was not the question, and under the circumstances he thought the shareholders would ob wisely in agreeing to the scheme, which was now before them. Berlyn nor advise any others to do so. But that was not the question, and under the circumstances he thought the shareholders would do wisely in agreeing to the scheme which was now before them. He thought the scheme was calculated to effect the end in view, and that the property was not one which ought to be abandoned without further effort. The directors had received a large number of assents to the scheme, and only three or four letters from small shareholders in opposition to it. One of the most unfavourable of them he would read. The Chairman then read a letter, in which the writer expressed the opinion that the directors had acted honestly with the means at their disposal, but he felt that they had great difficulties to contend with, owing to a want of sufficient capital, and it was a question whether they were justified in commencing business with so small a paid-up capital. Well, there was that query; but he thought, except for the unfortunate circumstances he had mentioned, the directors were warranted in supposing that they would have been able to work the mines so as to produce fair results. The resolutions, of which notice had been given to the shareholders, would be proposed seriatim, and any shareholder might make such observations upon them as he felt disposed. He would now move the first resolution—"That the company he wound-up voluntarily under the provisions of the Companies Acts., 1862 to 1884; second, that Mr. George Benson Monkhouse, of Nos. 28 and 29, St. Swithin's-lane, E.C., chartered accountant, be and he is hereby appointed Equidator, for the purposes of such winding-up." He ought to say a word in reference to the two petitions which had been filed by Mr. Pike and Mr. Davis. Now, Mr. Pike was, strictly speaking, entitled to 57 interest on the lat July. He never applied to the company for the money, but filed a petition in the Court of Chancery, and had the colness to ask for a provisional order. He represented 200 shares, for which he paid nothing whatever. The second petition was file 2001, but he had reason to believe that gentleman would not press the petition if he saw that the company were making efforts to pay him. That petition was adjourned until the 31st October. Mr. Pike's petition came on the previons Wednesday, and though it was adjourned, he thought if the shareholders passed the resolutions which would be proposed at this meeting, the Court of Chancery would say when it came on again that Mr. Pike's petition was not bone fide, and dismiss it. He now moved the adoption of the first resolution. (Applause.)—Mr. Barker seconded the motion.

The CHAIRMAN remarked that if the resolutions were passed, a confirmatory meeting would be held in a fortnight.

Mr. HOPKINS wished to know what would become of those share-bolders who did not fall in with the resolution; and also whether the

Mr. HOPKINS wished to know what would become of those shareholders who did not fall in with the resolution; and also whether the
shareholders had any guarantee that their managers in the Transvaal
would go on any better in the future than in the past. He was surprised to hear the Chairman express an opinion of the value of the
property less favourable than he had done on former occasions. He
was willing, however, to agree to the scheme and pay another 2s.
Per share, because he thought it was the only course open to them.
Mr. LAKE asked whether the 2s. would apply to the whole of the
share;

Mr. KEILL, referring to the item in the accounts of 30007, for Stamp duty on transfer of Berlyn Farm payable on 1st January, 1884, said he was not aware that there was any stamp duty on transloos, and he was not aware that there was any stamp duty on beautifers. There was a Government duty of 4 per cent. He was sorry he could not agree with the Chairman that the expenditure of the company had been carried on in an economical manner. On the contrary, he thought there had been gross extravagance. Large same of money might have been saved, which would have prevented their being in the position they were now.

their being in the position they were now.

Dr. Bishop supported the scheme of reconstruction, which he regarded as an absolute necessity. In a speech of some length, in the course of which he was covered times interrupted by cries of "Time," coarse of which he was several times interrupted by cries of "Time,"

he gave the meeting an account of his experiences in mining, and read letters speaking of the Lisbon-Berlyn property as being very valuable. He believed there was a large quantity of gold to be got out of the mines, but the directors must not act upon the reports of Prof. Heddle. He knew Prof. Price, and there was no more honourable man or one more highly respected by his friends. He could not understand how he should have recommended such men as officials as he had done. officials as he had done.

Mr. Wood thought the shareholders should have some control over the expenditure of the money they were now asked to subscribe. He suggested that as the directors had been so unfortunate in their nominees they should undertake the liquidation at their own cost

(Laughter.)
Mr. HANCOCK said he was the holder of 1000 shares which cost him 1s. each. (Laughter.) He was quite prepared to pay another 2s. per share. (Renewed laughter.) Mr. GOATER asked whether it was true that the Lisbon-Berlyn machinery was advertised for sale?

machinery was advertised for sale?

The CHAIRMAN, in reply to Mr. HOPKINS, said there was always a risk to be run in engaging persons to work a mine, but as regarded Mr. Kilgour, the manager, he had a very high opinion of him. He was a man of great ability and the strictest honour. He honestly believed that there was sufficient ground for expecting results such as would justify the shareholders in investing a little more money with the object of saving that which had been already expended. With respect to Mr. Lake's question, all the shareholders would stand in the same position as regarded the payment of the 2s. per share. As to Mr. Keill's reference to the item of stamp duty that was a misprint; the 3003% was an instalment on the property itself paymisprint; the 3000l. was an instalment on the property itself payable in 1884. He relied upon Mr. Kilgour's statements as to what he could do, because he was prepared to forfeit his position if they did not turn out correct. He did not know that the machinery was adnot turn out correct. He did not know that the machinery was advertised for sale, but the object of this reconstruction was to clear off all the liabilities within a certain time. The whole amount of the debts here and in the Transvaal was 30,000L, and the call would produce 45,000l.

Mr. HOPKINS repeated his question as to what position those share-holders would be in who did not come in to this scheme. The CHAIRMAN: We do not expect to find any such unreasonable

people. (Laughter.)
A SHAREHOLDER wished to know what would be the remuneration of the liquidator. That ought to be embodied in the resolution?—The CHAIRMAN said his idea was about 100 guineas, but

tion?——The CHAIRMAN said his idea was about 100 guineas, but the meeting should allow the board some discretion. A SHAREHOLDER remarked that he would vote for a remuneration of 100 guineas, but that was quite sufficient. The CHAIRMAN said he would add to the first resolution words to this effect—"Subject to such remuneration as may be fixed at the next meeting."

next meeting."

The resolution as amended was carried unanimously.

The CHAIRMAN then proposed—"That a committee of seven shareholders be appointed as a committee of consultation with the liquidator, and that the following gentlemen be such committee:—Mr.
Pegler, Major Isaacs, Dr. Bishop, Mr. W. C. Clarke, Mr. Owen, Mr.
Erskine, and the Chairman."

The resolution was agreed to without a dissentient.

The resolution was agreed to without a dissentient.

The subjoined other resolutions were also carried unanimously:—

"That the liquidator be authorised to consent to the registration of a new company with the same name as this company, or any modification thereof, with a capital of 450,000%, divided into 450,000 shares of 1½ each, and with a Memorandum and Articles of Association in the form to be prepared with the privity and approval of the committee of consultation, or a majority thereof.

"That the said liquidator be authorised to enter into an agreement under the 161st section of the Companies Act, 1862, with the new company (when incorporated) for the sale and transfer to such company of the business and assets of this company upon terms to be embodied in an agreement to be approved by the committee of

be embodied in an agreement to be approved by the committee of consultation or a majority thereof, and to provide inter alia.

"For power to issue 60,0001, in redeemable debentures.

"For power to issue 60,000% in redeemable debentures.

"That the whole of the company's estates and properties be made over with existing liabilities to such new company in exchange for redeemable debentures bearing 10 per cent. per annum interest, and repayable at 25 per cent. premium and shares of the new company of 1% each, credited with 18s. paid up thereon, both debentures and shares to be issued to present holders of debenture stock and shares in the existing company in proportion to their holdings."

A vote of thanks was accorded to the Chairman, and the proceedings which had leaded shout two hours terminated.

ings, which had lasted about two hours, terminated.

THE AMERICAN METAL MARKET.

THE AMERICAN METAL MARKET.

Messrs. MATHEWS and WEBB, ore and bullion brokers, Denver, Colorado, write under date August 12:—There is a fair continuation of the general trade improvement noted in our last issues, but there is not the snap nor life that would indicate much of a boom. The prices of all staple goods remain stationary, with some trifling exceptions in dry goods, and exports are very light. The railroad stock market keeps fairly strong, but the freight questions are many and vexed ones, and promise little in the way of dividends for 1885. The monetary situation is pro tems serenely quiet, while the silver distribution movement goes on slowly, and the surplus reserve at New York once more exceeds all precedent, and stands at \$64,724,100, while in 1883 at the same time it was only \$9,250,000, and in 1884 only \$3,160,000. The reports of the associated clearing-houses show only \$30,160,000. The reports of the associated clearing-houses show a slight decrease from last week, so that on the whole the excellent prospects for good crops are the most favourable feature in the outlook.

COPPER has displayed a lull similar to that which comes before a storm, and the proximate large sale of Lake to the large manufacturers is the cause. Lake has been sold at \$11.15 and \$11.25 on a moderate market scale during the week, and Orford, Baltimore, a moderate market scale during the week, and Orford, Baltimore, &c., down as low as \$10.25, while at London Chili bars have been remarkably steady at 431, 10s. to 431, 15s., and best selected 481, 10s. The National Bureau of Statistics gives the export during the just closed fiscal year at 22,000 tons, against 8000 last year. The closing down of the Bell and of the Old Dominion mines does not mean extravagant management nearly as much as it does an inability to make copper at the ruling rates. On the other hand, the Anaconda and the Larrent Companies and the Calmanies and the Calmanies. and the Parrott Companies, and the Calumet and Hecia are actually increasing, while the Tamarack is rich in promises.

LEAD has boomed along with great buoyancy, regardless of the

rrounding dulness in other metals. Supplies continue to be very lort, and prices march along upward at the rate of about an eighth been so short of lead that in several instances they have been forced to ask other refiners to fill contracts for them—they paying up the difference in price—and at New York a considerable short interest has been discovered among the traders. We deem it eminently desirable that all mineowners should strain every means to make their mines produce and obtain these higher rates, and so avoid the necessity this fall of an importation of 5000 or 8000 tons. which would tend to depress our domestic market for many months

HOLLOWAY'S CONTMENT AND PILLS are the best, the cheapest and the HOLLOWAY'S OINTMENT AND PILLS are the best, the cheapest and the most popular remedies. At all seasons and under all circumstances they may be used with safety and with the certainty of doing good. Erruptions, rashes, and all descriptions of skin diseases, sores, dicerations, and huma are presently benefited and ultimately cured by these healing, soothing, and purifying medicaments. The olutiment rubbed upon the abdomen checks all tendency to irritation of the bowels and adverts dysentery and other disorders of the intestines. Pimpl-s, blotches, inflammation of the skin, muscular pains, neuralglo affections, and enlarged glands can be effectively overcome by using Holloway's remedies according to the "instructions" accompanying each packet.

STEEL STATISTICS.

Mr. J. S. JEANS, Secretary of the British Iron Trades Association, forwards the following statistics :-

PRODUCTION OF OPEN-HEARTH STEEL.

-Production of Open-hearth Steel Ingots in the United King-dom and in each district thereof for the half-year ended June 30th, 1885.

| Scothard | 1018 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,105 | 12-,10

district

No. II.—Production of different descriptions of Open-hearth Steel in the United Kingdom and in different districts thereof during the first half of 1885, as far as returns have been received.*

Production during first half of 1885 of

received.	1	roduction d	uring ari	t half of		_
District.	Plates.	Angles.	Rails.	Bars.	Cast-	Forg-
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Scotland	60,455	30,733	3745		1076	852
South Wales		14,968		9200	512	189
Lancashire, Ches- hire, &c		3,164	3495	260	868	380
Sheffield, Leeds, &c.	5,071	1,238	7	190	1535	276
North-east Coast	11,859	568			2398	1118
Other districts	4,060				74	30
					-	

Totals101,917... 50,671... 7247... 9650... 6463... 2845 The foregoing statistics do not exactly represent the total production of each description of steel, some firms having failed to distinguish their different manufactures. There are also a number of minor descriptions of which no separate returns have been collected.

No. III.—Number of Open-hearth Furnaces at work, out of work, and under construction in the United Kingdomat June 30, 1885.

Number of Open-hearth Furnaces

District.	At work,		Out of work	c	Und	rue-	Total.
Scotland	55	*******	. 13		-		68
South Wales	41		26		1	*******	68
Lancashire and Cheshire	14						
West and South Yorkshire including Sheffield			. 3	*******		********	26
Cumberland	. 2		. —	******		*********	. 2
Derbyshire						*******	
Staffordshire	. 1	******		******	-	*********	1
Durham & Northumberland			. 1				25
Warwickshire							
North Wales	. 4						
London							
	-		-		_		-
PR 4 - 1							000

follows :-

out of work	
under construction 23 =	
	203
named one	

f						
L	No. IV.—Number of Open-hearth Furnaces er in the United Kingdom in 1885.	ecte	dand	in	opera	tion
erd	works or fu	o, of	s fu	vo, o rnace oper tion.	a fur	o. of nace ldin
y	South Wales Landore Siemens Steel Co	24		4	******	-
d	Dowlais Iron Co			6		_
4	Messrs. Wright, Butler, and Co.	10		8	*****	_
,	Panteg Steel Works	13		10		
	Birchgrove Steel Company				*****	
	Messrs. E. Morewood and Co					
	Messrs. White & Challingsworth	1			*****	
	Swansea Tin-Plate Company	2		2		_
	Messrs. Leach, Flower, and Co.	2		2		
	Messrs. Tregoning and Son	2		2		_
,	The Cwmfelin Tin-Plate Co	_		-		1
n				-		_
8	Total	67		41		1
5	Sheffield Messrs. Vickers, Sons, and Co					
9.	Messrs, C. Cammell and Co					
ti	Sir John Brown and Co					_
1	The Albion Steel and Wire Co.	2		2		
e	Thomas Firth & Sons, Limited	1		1		-
		-		-		-
V	Total	21		18	*****	-
	Cleveland Weardale Iron Company	2	*****	2		-
ŀ	Messrs, Butler Brothers	1		1		-
7	Messrs. John Spencer and Sons	3		3		-
t	The Consett Iron Company			6		2
e	Stanners Closes Steel Works					
	Sir W. G. Armstrong and Co	1		1		
8	Bolekow, Vaughan and Co	2		2		2
		-		255,0400		_
n	Total	20	*****	19		5
	Scotland The Steel Company of Scotland	32		26		-
n	Messrs, J. and W. Beardmore	7		- 5		
	Mr. David Colville	13		13	*****	-
t	The Mossend Iron Company	10		R		-

The Mossend Iron Company ... 10 ... 8 ... — Messrs, J. Williams and Co. ... 3 ... 2 ... — Messrs, W. Wylie and Co. ... 1 ... 1 ... — The Govan Forge and Steel Co. 2 ... — ... —

W. Cumber. ... W. Cumberland Iron & Steel Co. 2 2

Warwicksh. ...The Tangyes Steel Company ... 1 1 —

Messrs. Abel Rollason & Sons... 1 1 —

Total 4 4 1 North Wales..... 4 4 -London The H.P. Horse Nail Company 1 1 -Northampt. ... Messrs. Stenson and Co. - 1

Mining Correspondence.

BRITISH MINES.

BEJFORD UNITED.—H. Tresise, August 25: North Lode: In the 133 east the lode is looking promising, worth 3 tons of good ore, or 34, per fathom. Where the end is communicated with the sinking below the 127 we shall have good ventilation and lay open a good piece of stoping ground, which will pay very well to work.—Bridge Lode: We have been unable to continue driving the 90 owing to an insufficient supply of water to keep the mine in fork. In the 75 west the lode is looking kindly, yielding a little ore and mundle. In the 62 west the lode is improved, will yield it ton of good ore per fathom. The bottom stope in the 62 east is worth 74. per fathom, lode kindly going down. The several stopes in the back of the 62 east, four in number, are worth 44. per fathom each. All the other p-ints of operation, together with the tribute pitches are without any change to notice. In conclusion I may say that the mine is looking a little better.

in the 62 east is worth 7L per fathom, lode kindly going down. The several stopes in the back of the 62 east, four in number, are worth 4L per fathom each. All the other prints of operation, together with the tribute pitches are without any change to notice. In conclusion I may say that the mine is looking a little better.

CARN CAMBORNB.—W. C. Vivian, August 27: We have just atruck the lode west of the cross-course in the 105 fm. level. It was small where first met with, but is increasing in size as we get further away from the cross-course. I hope to be able to send you more definite particulars in a day or two.

COED Y. FEDW AND PANT-BEARTH.—R. Prince, August 27: We are making excellent progress with the driving of the 30 north level, and I expect in two or three weeks we shall intersect the Cefn Bechan lode. In the 70 south we are driving west at a point near the end of the level; the appearances are strongly indicative of our proximity to the string. I am very pleased with the results which have hitherto attended the sinking of the sump below the 112, and the lode, which is a very powerful one, bee mer richer as depth is attained; the matrix is composed almost entirely of a strong mixture of lead and blende, with a little shale. The tribute pitch in the 30 west has fallen off, and is now worth about 12 cwts, to the fallons. In the rise in the 30 north the tributers have obtained some capital stones of ore, weighing ½ and ½ cwt. each. We have sold to-day 6 tons 12 cwt. of ore, resiling 55. 12s., 1d.

CREIGIGG.—H. Rotchkiss, August 26: We are making satisfactory progress in our underground workings here. The lode in the rise cast of shaft is 4 ft. wide, much these ame in character as for some time past. The lode in the forebreast of the 130, west of the shaft, is about 2 ft. wide, containing a sprinkling of lead ore. The favourable change we had in the character of the lode a fortuight ago continues to hold good, and I am dally expecting the same to become mer productive of mineral.

DERESBY.—John Roberts, A

There is rather a strong feed of water coming towards and a most important indication of a still better lode near at hand. We are pushing on as fast as possible with the dressing, so as to be able to sample at the earliest date.

DEFON GREAT CONSOLS.—Isaac Richards: Wheal Maria: In the eastern shafe sinking lelow the 12, on the Capel Tor lode, the lode having taken a little greater underlie under than formerly is for the present left standing on the north side of the shafe. In the 12 fm. level, west of the eastern shaft, on the Capel Tor lode, the lode is 5 fc. wide, of a strong masterly character, and yields small quantities of copper and mundic ores.—Wheat Emma, Railway Shaft, New South Lode: In the 220 fm. level west, on the south part of the lode, the drivage is still being continued by the side of the lode.—Watson's: In the 124 fm. level, east of the engine-shaft, the lode is 3 ft. wide, of a promising character, and is yielding a little good quality copper and mundic ores. In the 124 fm. level, west of the engine-shaft, the lode is 3 ft. wide, and yielding saving work of copper and mundic ores. In the 124 fm. level, wast of the engine-shaft, the lode is 3 ft. wide, and yielding saving work of copper and mundic ores. In the 124 fm. level, cast of the engine-shaft (2 ft. wide of a promising character, and is yielding some good quality copper and mundic ores. In the 44 fm. level, east of the western shaft, the lode is 3 ft. wide, of a promising character, and is yielding some good quality copper and mundic ores. In the 44 fm. level, east of the western shaft, the lode is 3 ft. wide, of a promising character, and is yielding some good quality copper and mundic ores. In the 44 fm. level, east of the path of the lode is 3 ft. wide, of a promising character, and is yielding some good quality copper and mundic ores. In the 44 fm. level, east of the restrict of the order on which the shaft is being sunk below the 20 is worth 104. to 124, per cubic fathom, and the middle portion of the lode, where just cut into for

end soft ground has again made its appearance, and the lode is somewhat disordered.

EOTON.—William Bowman, August 24: We have made satisfactory progress, during the past fortnight in each department of our industry, fine weather having greatly favoured surface operations, and permitted rapid advance with the dressing works. Water Bank winze is now down 7 ms, below the 56 station and the cross cut from Clayton deep adt is advanced 20 ms, towards this location in the deeper ground. Clayton 80 fm. south cross cut is making slow progress, the ground being very hard; we have turned this drivage ensiward of its bearing upon a calcite joint about 1 ft. wide, which may be a leader towards the ore body we look for in the Chadwick's ground. Clayton Mine is now clear of water to the bottom (or 150 fm. level), which is driven in 13 fms. towards the ore pipes. We are preparing to cut lodge and room for a pump at this depth, and to take out the shell overhead to connect with the shaft for winding and pumping from Clayton engine-room, all the ground below 140 having been un-watered by special pump, driven by compressed air, which is more costly than pumping by direct rod, when such is possible. We are fast clearing out the dead stuff thrown into these works by the old tributers, and shall commence driving orestuff from development works north and east of 140 this week, which will be pilled on the river bank until the tramway to dressing-floors is completed. The ore about this level has much improved since opened upon, especially in the north and south, where our prospect continues very encouraging. The limestone beds are curved in the most remarkable forms, and the branches of copper and blende ores deposited irregular y throughout all the ground yet broken at this level. The copper ores are compounds with sulphur and oxygen,

to call for special remark. The deep adit is being forced on as last as poor. In the shallow adit we are clearing a choakage, the back having droppe in consequence of some old timber having given way, but a few days

OREAT HOLWAY.—W. T. Harris, August 27: Roskell's Shaft: In the 95 orth the ground has slightly improved for progress, with an increase of carmonate of lime containing samples of blende and cubes of lead.—Level Engine-shaft: In the 30 east the looks is from 154 to 2 ft, wide, with a good mixture of lende, and very promising for an improvement for lead as being driven forward.—Tribute: No. 1 pitch in back of this level is vieiding 3 cwts. lead and too blende per fathom. No. 2 pitch is producing 5 cwts. lead and 1 to blende per fathom. The 50 level, No. 1 pitch in back, is worth 15 cwts, lead and 1 15 too lende per fathom. The 20 level, No. 1 pitch in back, is worth 15 cwts, lead and 1 15 too lende per fathom. No. 2 often heads west is being worked at four points, and

W. H. Rowe, August 26: The 271 end continu GREAT LAXEY.—W.H. Rowe, August 26: The 271 end continues as for some time past; the lode strong, but yielding only stones of ore. We are daily expecting to intersect the lode in the 259 cross cut, but there may possibly be a greater distance between the two branches than at the 247. The 247 end is at present poor, and as its lessifiable to effect a communication with Dumbell's shaft as quickly as possible, we are only carrying a part of the lode for the remaining short distance. The winze in this level has further failenoff in value, and unlessan improvement very soon takes place we shall suspend sinking at this point, and prove the ground morth and south in order to avoid what may be merely a short nip. The two stopes in the roof of this level are each worth 10£, and the one in the sole of the 220, 22£, per fathom. The rise in the 130 is worked to poor ground. The joint rise and stope in the 145 has considerably improved, and are worth 35£, per fathom.—Dumbell's: The 243 end north is worth 7£, per fathom; the lode gradually getting stronger. The winze sinking in this level, a little in advance of the 243 end, is worth 16£, per fathom. The new stope in the roof is worth 50£, per fathom. The lode in the 215 end north has become smaller, though again offering to widen; present value, 14£, per fathom. The 250 end north has further improved to 30£, per fathom, and considering that it is still some 30 fms. From the southern extremity of the 215 ore, it is very encouraging. The three roof stopes in this level are respectively worth 20£, 5£, and 7£, per fathom. The opint rises and stopes in the 155 are worth 20£ and 15£, per fathom. Two joint rises and stopes in the 155 are worth 20£ and 15£, per fathom. Two joint rises and stopes in the 155 are worth 20£ and 15£, per fathom. No change in the 55 cross cut. We should see something of the east branch in about 10 fms. further driving. The lode in the 37 end north has become weaker, and yielding only a small quantity of blende.

become weaker, and yielding only a small quantity of blende.

GREEN HURTH—James Polglase, August 20: The bottom level is worth 14 tons per fathom. The 44 end is poor. The new slope in back of 44, north of No. 3 winze is worth 1½ ton per fathom. No: 2 stope is worth 5 tons per fathom. No: 3 stope is worth 1½ ton per fathom. In the 30 end there is a large hard vein, but not without good stones of ore. Winze below 30 level is in a good strong vein, worth 2 tons per fathom. Middle level end is worth ½ ton per fathom. No: 1 stope in back of middle level is worth 1½ tons per fathom. No. 2 stope in back of middle level is worth 1½ tons per fathom. Adit level north from new flootway is producing good stones of ore. Adit level east without change. We purpose next week sinking a winze from the 44 to the bottom level for ventilation. Machinery in good order.

HEALEYPIKD.—John Treicare, August 21. There is no change in the value of our stores, with the exception of No. 2, which is rather disordered with a horse of anoticine, grid, as. In the torous tire (No. 1), which is rather disordered with a horse of anoticine, grid, as. In the torous tire (No. 1), which is read to the containing age and smally a with a horse of anoticine, grid, as. In the torous tire (No. 1), which is the containing and the containing age and smally a with a horse of anoticine, grid, as a state of the containing and the containing and the containing age and smally a with a horse of anoticine, grid and the containing and the containing

MELLANEAR COPPER.—John Gilbert, August 26: There is no change since ast week in the 70 cross cut driving north of the main lode east of Gundry's shaft. The ground is still letting out a little water, and looking very congenial for the production of mineral. The lode in the 110, driving west of Gundry's shaft, is 4ft, wide, yielding 1½ ton of copper ore per fathom, and promising for further improvement. In the 120, west of shaft, the lode is 2½ ft, wide, yielding occasional stones of copper and tin ores. In the 12°, east of shaft, the lode is 3½ ft, wide, yielding ½ ton of copper ore per fathom, and some saving work for mundic and biende. The part of the lode carrying in the 130, east of shaft, is 4½ ft, wide, yielding ½ tons of copper ore per fathom, and some rich stones of tin, and letting out a very large stream of water. This level has gone through thout 9 fathoms of profitable ground. The rise in the back of this level is also yielding 2½ tons of copper fathom. The lote in the 130, even if also

ature.

NEW CARADON.—N. Richards, August 26: We have, as anticipated, in

in east is without any material change.

NORTH TRESKERBY TIN AND COPPER.—Pryor and Son. August 26:

The state of the second st

PUBBERO.—William Vivian, August 27: We have cleared the long cross cut south of the engine staff. I find there has been three iodes intersected in this cross cut, some of them of a very promising that the control of the engine staff. I find there has been three iodes intersected in this cross cut, some of them of a very promising the nature of the ground very have to control of the control of

speed.
VAN.—Captain W. H. Williams, August 23: The 150 fm
driven 24 fathoms. The 135 fm. level, west of winze, is driven a good lode going down on the bottom of the level, and if
lited any expectations that we again on the top of a large of

PITAN to 854 oit

PORT progressi 13 or 1190 distance 17 ft, from han it we cross-seed of good copper ore and 3 tons of mundic per fathom. There is nothing in the set good copper ore and 3 tons of new shaft, therefore we shall suspend it. 14 cross-cut, driving south-wast of new shaft, therefore we shall suspend it. 14 cross-cut, driving south-wast of new shaft, will yield 2 tons of copper ore and 11 tons of mundic per fathom of new shaft, will yield 2 tons of copper ore and 11 tons of mundic per fathom. The stope in the back of the 122, capper ore and 2 tons of mundic per fathom. So the stope west of said winze will yield 2 tons of copper ore and 2 tons of mundic per fathom. The stope in the back of the 48 will yield 3 tons of copper ore and 2 tons of mundic per fathom. All other points are without change. It must be suffered to the stope west of said winze will yield 3 tons of copper ore and 2 tons of mundic per fathom. All other points are without change, tons of mundic per fathom. All other points are without change, to said mundic per fathom. The 150 must is worth 71, per fathom. The 150 west is worth 71, per fathom. The 150 west is worth 91, per fathom. There is west is worth 91, per fathom. There is no ther change worth 91 for fathom. The 120 produces low price tinistone. There is no ther change worth 91 for fathom. The 120 produces low price tinistone. There is no ther change worth 91 for fathom. The 120 produces low price tinistone. There is no ther change worth 91 for fathom. The 120 produces low price tinistone. There is no there change worth 91 for fathom. The 120 produces low price tinistone. There is no there change worth 91 for fathom. The 120 produces low price tinistone. There is no there change worth 92 for fathom. The 140 west is worth 92 for this one.

the whole. He shall be a shall be shall

FOREIGN MINES.

FOREIGN MINES.

BELT COPPER.—A. Brand, August 4: My last report was dated July 3, since then I have to report as follows:—Knowlton: The 2nd level east has been driven 43 t.5 in. in July, making the total length of level 48 t. f. in; this level has looked much better lately than it did in June. The 3rd level east has been driven 48 t.5 in. in July, making the total length of level 97 tt. 3 in; this level has also improved, and though not as rich as when started, still looks fair. It was also improved, and though not as rich as when started, still looks fair track, so as facilitate tramming when we begin to stope.—Wolseley: We have had trouble with contractors here again, two different parties having have had tough and the still looks fair, and the still still look and the still look

mech-(say) \$75-and which will make a material saving in luci. Nothing such-(say) \$75-and which will make a material saving in luci. Nothing such to report.

INDIAN CONSOLIDATE, GOLD.—H. Lyon, July 24: Phomis Section: I am very sorry to say that what I thought was good-looking stone in the No. 2 drives has turned out on a trial crushing exceedingly disappointing. It was certainly a different kind of stone to what we had been passing through, and I hoped and thought that it would yield a better return of gold, but I regret to report that the yield from a crushing of 181 tone was only 13 ozs. 12 dwts., or at the 18 Lyon, July 31: During the week we have been regularly crushing (by sky) stuff from rise and stopes, and I shall continue this so long as I can get siese to keep the battery going—that is, up to about 500 or 600 tons. The lode has made again both in No. I and No. 2 drives, but at present it is poor looking, to continue little or no pyrices.

sees to keep the battery going, and the sees of the se

and if we have any luck at all the profit on this yield oughit to be considerable.

—Capt. Sheridan, July 28: Colar Section, No. 3 Shaft: During the fortnight we have competed the repairing of No. 3 shaft to the water level, and it is now rady to drop away the lift. I have put in repair a small adit the former company used about 12 ft. from surface, and will put in cisters to supply engine with water. We have finished building bob pit, and I hope to be able to start pumping engine about the middle of next week. I started to repair No. 5 shaft hat week. I am pushing this on as quick as we can get the timber, and hope to have it finished by the time I get the water out.—Machinery: At No. 3 shaft we have altered the engine so as to be able to work the pumps 4 ft. 6 in. stroke, which will make a difference to us in dealing with the water. We have stretch put in air compressor foundations. Farts of the compressor, &c., have arrived. The bed-plates have arrived to-day at Colar-road station, so we will get them bee during the week—Buildings: The new additions to miners' bungalow for place and timbermen are nearly finished.—Staff: The engineer and miners wired on the 11th of July, and started to work on the 2th. We are all, I am glad to say, enjoying good health, with the exception of our accountant, who is all suffering from fever.

invies on the 11th of July, and started to work on the 27th. We are all, I am jet to say, enjoying good health, with the exception of our accountant, who is still suffering from fever.

KOHINOOR AND DONALDSON CONSOLIDATED.—Manager's report of undergound work from 15th to 31st July:—Champion: The shaft is down 78th, a consecourse has disordered the lode in the shaft, and the ore vein is less regular, and for the time rather poor. The 680 ft. drift east is in 160 ft.; the drift has run through some barren ground, but in the end the lode is more regular, and of a promising character for making ore again. We have had an also the shaft has run through some barren ground, but in the end the lode is more regular, and of a promising character for making ore again. We have had an also the shaft has been supported by the starter of proving the ore body and as a preparatory work for the next lift; the lode is fully 3½ ft. wide, yielding 7 tons of milling, and 1 ten of amelting ore greathon. The stopes in the 850 ft. level east are not yielding so much smelting ore, the vein being on the whole small and of moderate value, yielding about 4 tons per fathom. We have resumed work in the stopes of the 520 ft. level east, and indications are good for the discovery of good milling staff; the pay is in two branches together, 2 ft. in with. The lode at the 600 ft. level has rather failen off; but there is quite an improvement in the 60. The men there are drifting, and have come upon some high grade ore.—Dendison: The lode in the stopes of the No. 3 level is quite as productive as at between the start of the stopes of the No. 3 level is quite as productive as a twice of the stopes of the stopes of the next fortnight. The vein of raffee quarts at the shaft will average 1½ ft., and is turning out from 4 to 5 tos of ore per fathom.

MYSOKE GOLL.—B D. Plummer, August 1: Mining Operations: The lode

look for favourable returns from this place in the next toringon.

In the comparison of the comparison.

MRSORE GOLD.—B. D. Plummer, August 1: Mining Operations: The local in the bottom of Taylor's shaft is not quite so wide as it was a week ago. Bis, however, a strong, fine lock, assay value 1 oz. 19 dwts. 5 grs. In the 23 south end the lock—is about 4 ft. wide; assay value 2 ozs. 5 dwts. 17 grs.

NEW EMMA SILVER.—August 8: Herewith please find account current, logders with all vouchers for month ending July 31st, also account sales, lots 50s. 2, 4,5,6, and 7, then time ore concentrated from old dump. My last letter is under date of the 13 dwts. 16 grs.

NEW EMMA SILVER.—August 8: Herewith please find account current, logders with all vouchers for month ending July 31st, also account sales, lots 50s. 2, 4,5,6, and 7, then or even sent time for old dump. My last letter is under date of the 1st intents or concentrated from old dump. My last letter is under date of the 1st intents or concentrated from old dump. At Liverpool, Galicia, from 1 ingots. In France, Theben, from the faces. The strata is getting stronger, with an increase in mineral stains. Appearance continue very encouraging. Some 12 men are now working old dispenses of the lote for encouraging. Some 12 men are now working old without doubt. Machinery and pumps working nicely.

NENDYDROG GOLD.—B. D. Plummer, August 1: Mining Operations in the shaft progress will improve.—Taylor's Engine-shaft: The work of opening on the lote for angle bob progresses in a satisfactory manner. In the shaft progress will improve.—Taylor's Engine-shaft: The work of opening on the lote for angle bob progresses in a satisfactory manner. In the shaft progress will improve.—Taylor's Engine-shaft: The work of opening on the lote for angle bob progresses in a satisfactory manner. In the shaft progress will improve.—Taylor's Engine-shaft: The work of opening on the lote for angle bob progresses in a satisfact

Subsciory. PIERREFITTE.—Manager. August 17: South Mine: A few days since the loss is the stopes below the No, 2 level improved in value to some extent and is low worth 2 tons of sliver lead ore per fathom; stoping by eight men. The idealore this level where we are also stoping by eight men is worth 1 ton of sliver-lead ore per fm.—North Mine: The part of the lode which we are now toping some 11 ½ ton of sliver-lead ore and two tons of blende per fathom; sloping by eight men.—New Lode: We shall resume driving the level on this level and the level of the lode that the level on this level on the level of the lode that the level on this level of the lode that the level on this level on the level of the lode that the level on this level on the level of the level on this level on the level of the level of the level of the level on the level of the level

THE MINING JOURNAL.

Man Lode: There is no change since last report.—East Branch of Robinson's: The rise is up 40 ft., and are now driving a cross out west for a quartz vein that was met with when sinking the shaft, expect to intersect it shortly.—No. 4 or 374 ft. Level. Western Lode: The tributers have holed their winze to No. 5 level and will raise stone at once.—No. 2, or 228 ft. Level, Eastern Lode: The tributers in the old workings continue to raise payable stone. All the underground works are in good order.

— Clunes, July 13: Total quartz crushed for the month ending the 24th June 1091 tons. Total gold obtained 312 czs. 6 dwts. 12 grs. Average per ton 5 dwts. 14 grs. Receipts, 1311. 15s. 2d.; payments, 1531. 0s. 2d.; loss, 2191. 5s. 6d. Baiance carried forward to next month's account, 326. 7s. 4d.

RUBY AND DUNDERBERG CONSOLIDATED.—August 2: Dunderberg: Nine tributers/st work; no change.—Lord Byron: The shait still continues in very hard rock; progress this week 3½ ft.: total, 15i ft. below the tunnel, about 6 ft. deeper will reach a point 55 ft. below the entrance to No. 1 cave when drifting will be commenced. The north end and upper part of No. 1 cave is producing small quantities of high grade ore; the ground in this part of the mine is looking better and we look for an improvement soon; there is no change in the stopes in the top of No. 1 cave, 14 tributers at work, including contractors; 5 tons ore shipped.—Home Ticket: There has not been any work done in the winze at the end of the bottom level during the week, the men being at work drifting from the winze about 10 ft. above the bottom level, prospecting a place where the indications for ore were favourable. Work was resumed in the winze to-day. The 300 ft. level is in better working ground; progress this week 14 ft.; there are two tributers at work in the old stopes near the new shaft about 50 ft. below the surface who shipped 7 tons of ore during the week.

— Telegram, Eureka, August 18: 25 tons ore shipped.

Santa Barbara Gold.—The attendance of

materially affected during the stoppage, since the lode will be improving, whilst a more careful separation of the mineral will be made at the spalling floors.

FRANISH COPPER.—George Scott, August 10 and 17: Fronteriza: I can guarantee the cargo to test over 12 to 13 per cent. copper. Up to the 15th, 1647 wagon loads of overburden were removed, and 129 tons of mineral extracted. I shall be able to extract more than the 150 tons mentioned on the 3rd, though I shall not endeavour to get much more, preferring rather to prepare the way to a greater extraction in September. New San Jorge shalt is I metres deep. All work continues in a very satisfactory manner, but shall be able to do more when the rails arrive.

TOCOPILLA.—Report for the month ending 30th June: Carmelita Mine: Jose's shalt, shilling below the No. 13 level was resumed on the 16th June. The rock in the bottom is exceedingly hard, and the quantity of water issuing from it is slightly increasing. We are now about to cut the plat for the No. 14 level and put in a double skip road, which work will be performed with all dispatch. No. 13 level, east of Jose's shalt, still continues unproductive; the lode in the the present end is 2 ft. wide, and chiefly composed of clayslate, impregnated with copper ore and inon pyrites, altogether presenting a very congenial appearance. No. 1 winze, sinking below the No. 13 level east, is being sunk for a ladderway to the No. 14 level. The lode in the depth sunk yielded 75 quintals of 12 per cent copper ore; it is now 2 ft. wide, but the quality of the ore is not so good. Since last reported the lode in No. 12 seas has considerably diminished in value; it is very narrow, but there are indications of its widening and becoming more mineralised as the level is advanced. There is no change worthy of notice to advise at the No. 11 level east, the lode being precisely the same as mentioned in the last report. No. 3 winze, sinking below the No. 12 level, which is much needed. The lode in the bottom is worth X ton of low quality

Chili copper at Liverpoo , Swansen, and in France	0.70		7025		33,090
Foreign copper in London, chiefly Australian	230		298		5,234
American copper at Liverpool				*******	
Other copper at Liverpool and Swansea	1804		1172	******	4,184
American copper in France	260		285		980
Other copper in France	355		360		20
	-		-		
Tons fine copper during the fortnight	4355		3695		44,602
Against tons on the 31st July, 1885					
Against tons on the 16th July, 1885	4084		3512		43,550
Imports.—The arrivals from the West Coast have					
Nil. At Liverpool, Galicia, from Totoralillo, a					
ingots. In France, Theben, from Totoralillo,					
barilla. Total, 626 tons bars, 200 tons ingots, and					
Corresponding period of 1884, 216 tons regulus,	952 t	ons ba	rs, 86	tons in	agots,

COMMERCIAL FAILURES.

The number of failures in England and Wales gazetted during the week ending Saturday, August 22, was 86. The number in the corresponding week of last year was 75, showing an increase of 11, being a net increase in 1885, to date, of 443.

The failures were distributed amongst the following trades, and, for comparison, we give the number in each in the corresponding weeks in 1883 and 1884:

1885. 1884. 1883.

Building trades	8		12	*****	17	
Chemists and druggists	-		2	*****	eruse	
Coal and mining trades	1		23		9	
Corn, cattle, and seed trades	1		3		1	
Drapery, silk, and woollen trades.	10		4	*****	13	
Earthenware trades	2		_		001100	
Farmers	7		5	******	6	
Furniture and upholstery trades	1		1		5	
Grocery and provision trades	18	******	5		38	
Hardware and metal trades	9	******	_		8	
Iron and steel trades	3		4		6	
Jewellery and fancy trades	6		4	0 0 0 0 0 0	9	
Leather and coach trades	-		4	00000	10	
	5	****			13	
Merchants, brokers, and agents	6	*****	5	****	19	
Printing and stationery trades	1	*****	1		3	
Wine, spirit, and beer trades	7		7		14	
Miscellaneous	8		15		22	
		-			-	
Totals for England and Wales.	86		75		181	
Scotland	24	*****	16		16	
Ireland	7		2	*****	4	
Water for West of Wingdom	117	_	00		001	

Colonial Mining Notes.

VICTORIA.

BALLARAT.—The Black Horse Mine, at Egerton, has shown great improvement, and the shares rose from 11s. to 31s. per share during the week ending July 12th. It is reported that the eastern cross-cut has shown a new development not yet officially reported.

The Band and Albion Consols laid a satisfactory report be-fore their shareholders. The stone raised for the week was 400 tons, which yielded 394 ozs. of gold, and was fully up to the standard.

The Egerton Company have decided to sink a new shaft 1000 ft. to 1200 ft. This wise decision meets with public approval in the colony, as these shares have risen in value in

CRESWICK—THE LONE HAND.—Breaking out cement and blocking out washdirt as usual. Yield of gold for the week 519 ozs. 15 dwts.

MADAME BARRY .- From No. 1 shaft the raising of wash-dirt is continued with great success, the yield of gold for the week being 788 ozs. 2 dwts. No. 2 shaft is now sunk the required depth, and the water lodgment made.

CLUNES,—THE POET PHILLIP AND CLUNES MINE.—The whole question of ultimately continuing the mine hinges upon the royalty, which the company and the Port Phillip's London board of directors maintain should be taken upon profits. Mr. R. H. Bland, the general manager, has received during the week instructions from London to cease operations should the proprietors of the land refuse the concession sought. The existence of payable stone in the claim is constantly demonstrated, and justifies the deceme spiking and development at the deceme layels. deeper sinking and development at the deeper levels.

NEW NORTH CLUNES .- In this mine the stopes throughout are producing good stone, and the crushing next week promises to equal in value those preceding it. A change in mining managers has taken place. Mr. Thomas Gilbert, who has successfully managed this valuable mine for 22 years, has resigned his position, and Mr. Joseph Bryant has been appointed in his place, and took charge of the mine on the 9th July.

SANDHURST.—The week's business has been the most satisfactory experienced for months past, the majority of the leading stocks being disposed of at greatly improved rates. The Garden Gully line of mines continue yielding well.

The return of gold for the week is a great improvement upon the previous fortnight, the yield being 7300 oz. The United Devonshire headed the list with 1915 ozs., from 750 tons of

DIVIDENDS were declared by seven companies, the total amount reached 13,350t. 17s. The United Devonshire Company contributing 7000t., with a 5s. dividend.

Maldon.—The New Beehive crushed 60 tons for a yield of 78 ozs. 18 dwts. smelted gold. The South German washed off from 56 tons crushed, with a yield of 301 ozs. of amalgam, which will probably yield 100 ozs. of gold. The stone still looks well.

INGLEWOOD.—The Jersey Reef Company paid their first dividend of 3d. per share, equal to 450l.

THE RUSHWORTH GOLD FIELD.

From the quarter's returns ending 30th June it shows that 1821 loads were crushed, yielding 2014 ozs. 10 dwts. of gold, assaying 1 oz. 2 dwts. 3 04 grs. per ton.

The Phoenix Company (Waranga division) cleaned up from 350 loads crushed for a yield of 392 ozs. of gold, the stone being taken from the lowest level, where the lode averages over 4 ft. thick, with a face at least 100 ft. long. The centre of attraction is the vicinity of the Camp Reserve, to the west of which Messrs. Vaughan and Hilburn's mine is averaging about 1 oz. per ton. The Forlorn Hope is in good stone, and the next claim, Greeson and Company, are also on gold, their last crushing giving 4 ozs. to the ton.

Walhalla.—The monthly escort left the Bank of Victoria for Melbourne conveying 2390 ozs. of gold. This does not include 602 ozs. from Long Tunnel Extended Company, and 558 ozs. from the Tocmbon Company lodged in the Bank of Australasia.

QUEENSLAND.

QUEENSLAND.

GYMPIE.—The total crushings for the month of June amounted to 6196 tons of quartz, yielding 6199 ozs. of gold, of which Nos. 3 and 4 North Glanmire got 1075 ozs., the Ellen Harkins Company 1136 ozs., and the Golden Crown 803 ozs. The total dividends for the same time was 6460t., of which No. 1 Phœnix paid 3000t., the Golden Crown 1250t., and North Glanmire 1200t. The crushings for the half-year ending June 30 amounted to 30,730 tons for 36,680 ozs. of gold.

RAVENSWOOD.—The newsmelting works were started with very satisfactory results. The smelter and assayer, who are men of large American experience in smelting refractory ores, say they never saw gold ores run better, and that the experimental trial ran for three hours with a beautiful run of metal.

A meeting of the miners on strike at Ilkeston was held, on Thursday, when it was decided that the men should return to work at the Manvers Colliery, the masters having offered them satisfactory terms. It is expected that the men will also go in at Oakwall Colliery, and that the dispute will be brought to an end almost immediately

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PASS AND SON, BRISTOL, C. ARE BUYERS OF

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TREVALUANCE AND MONTANA SHOULD REBOUGHT AT ONCE.

TREVAUNANCE AND MONTANA SHOULD BE BOUGHT AT ONCE TREVAUNANCE AND MUNIANA SHOULD BE BOUGHT AT ONCE.

There are many mines worth attention, as proceedings of recent share bolders' meetings prove beyond doubt. During the last 40 years there has no such opportunity presented itself as the present for investment in British mines.

Metals are certain to advance. In well-informed circles no doubt is entertained on this point. Buyers must not further delay orders.

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COPPER ORES. Sampled August 5, and sold at the Royal Hotel, Truro, August 23.

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C. Lambert and Co	3371/2	1104	19	9
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cations relating to Advertisements, Subscriptions, or appli the Mining Journal should be addressed to "The Publisher. The Annual Subscription to the Mining Journal is £1 4s., post free.

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TRADE ADVERTISEMENTS. 52 times

Cheques should be payable to the Proprietors, Mining Journal, and crossed, London and Westminster Bank."

THE MINING JOURNAL. Railway and Commercial Gazette.

LONDON, AUGUST 29, 1885.

OUR FIFTIETH BIRTHDAY.

On Saturday, August 29, 1835—50 years ago to-day—appeared the first number of the Mining Journal, a modest eight pages, bearing nearly the same outward form and appearance as it does to-day, when it has expanded to a substantial permanent 28 pages. It is always unfair to place a "first number" in judgment, for a very short practical experience invariably suggests valuable additions and necessary alterations. Looking critically, however, at our first number, and judging it by the standard of our modern English journalism it must be admitted that it bears on its face sufficient evidence of the sound basis upon which its foundations were firstly laid, and upon which such a solid and stable structure has gradually been built up. their address to the first readers of the Mining Journal the conductors, while explaining their raison d'étre, remarked: "If we were alone to consider the importance of our metallic products, iron, copper, tin, lead, and other metals, it becomes matter of astonishment that no journal has ever been published to record discoveries and the results of labour which might, if registered, have been productive of so much advantage to the interests of society; while it is equally a matter of surprise that, in the absence of any practical] work of reference from which information might be collected we should have arrived at that high station in scientific acquirements to which we may so justly lay claim." We regret to say that none of the original promoters and conductors survives to celebrate the fiftieth anniversary of the Journal, although it is but a few years since the last survivor, Mr. RICHARD MIDDLETON, who for so many years was actively identified with its conduct, died. There are, however, still many associated with it who have spent the best part of their lives in its service and who will continue to serve it in the future

Looking back over this half century, and the results which have crowned the labour and abilities of Mr. HENRY ENGLISH and Mr. RICHARD MIDDLETON, we cannot doubt that had these originators of the Mining Journal been with us to-day they would have been able to look back with us with pride on the past, and confident hope that the future would continue to bring to themstraightforward honest journalists—the rewards of extended support and the cordial assistance of the Mining Interest. This is the future which we, as continuing the policy which has always been the aim of this Journal—viz., the general advancement and defence of the Mining Interest-anticipate without fear of failure. Lord BEACONSFIELD once said-"To the strong nothing is impossible;" and as we know that the Mining Journal strong to forward that which shall benefit all, and also strong to cleanse honest enterprise from the limpets and barnacles that cling to and hamper the progress of legitimate business s, we shall freely continue to use power in the future, as in the past, in these directions for these At the same time it will be our duty and pleasure to see ends. that the Mining Journal will remain as the sole accepted representative of Mining and Colliery Interests. In the early part of this year, in order to add to the value of its news columns, and to facilitate the convenience of our readers and advertisers, some alterations in appearance, matter, and contents were made, upon a change in the editorship and management. It is satisfactory to say that these have received the general and kindly approval of all, many of our readers, at home and in the uttermost parts of the earth, having taken the unsolicited trouble to congratulate us upon them. We take this opportunity to thank them for these cordial expressions of their views, and conclude this short reference to ourselves and our work with the words which formed the concluding paragraph of our first address to our readers:-" We leave ourselves to the capitalist, to the scientific world, and to the practical man, to whom we must be indebted for success for their contributions and support in extending the circulation of a paper intended to be useful to all; and the claims of which for support must be solely based on its utility."

SILVER MINES IN NEW SOUTH WALES.

The Broken Hill Silver Mine, from a description in the Silver The Broken Hill Silver Mine, from a description in the Silver Age, Silverton, appears likely to develope into one of the great wonders amongst silver mines, and may probably equal any of the old Mexican mines or the celebrated Comstock lode of Neval. The Broken Hill lode, which we have previously called attention to, may be termed the premier lode of the Barrier Range silver field. This champion lode is a true fissure vein, and in extention to the state of the same and the state of the same at field. This champion lode is a true assure vein, and in extent and formation appears almost without a parallel, and bids fair to be one of the richest silver lodes yet opened on the Barrier, and this is saying a good deal, when it is known that the ores from this field have yielded such high prices in the European markets. This vast lode of argentiferous deposits has been traced nort and south of the big outcrop in the Broken Hill Mine for a dis and south of the old outerly in the some experts it is traceal on the surface or connected with shallow workings for the unprocess. on the surface or connected with shadow workings for the unpre-cedented length of 14 miles, throughout the whole distance it is more or less plumbiferous and silver bearing. The strongest part more or less plumbiferous and silver bearing. The satisfications of the outcrop is undoubtedly within the company's blocks, but the lode also crops up strongly in blocks on the north and south of these, notably in Maiden's leases to the south, where it appears the control of the south, where it appears the control of the south of the control of the south of the control of the south of the sou of these, notably in Maden's leases to the south, where it appears in a broad unbroken line for almost the entire length of these 40-acre leases (\frac{3}{4}\) mile). "The crest of the ridge," says the Government geologist, who visited the property 12 months ago before its value was known or thought of, "is formed by the outbefore its value was known or thought of, is refined by the out-cropping of a huge lode. The lode varies in width from 10 to 120 feet, and in places rises above the surface in large crags black masses. It changes its character every few feet, and considered for ferruginous quartzite, quartz, grieten, felspar, porous brown ironstone or gossan, and oxide of manganese (pyrolusite), with patches and veins of crystallised carbonate of lead (cerusite) This report is very valuable as it contains reliable testimony as the great size of the lode, and when it was written by M Wilkinson little or no prospecting had been done on the line, and the highest results that had there been obtained by assay we under 50 ozs. of silver to 1 ton, the average of 26 tests refer to by him as having been made up to that time being und 15 ozs. The samples tried were evidently lead ores, and they as an average of 46 per cent. of this metal. It was not until qui recently that the valuable character of the ferruginous ores ferred to, of which the lode is chiefly composed, was scertain It is to the discovery of chlorides in these ores that the sudde and enormously increased value of the lode is due. To the minitiated it may be said that the green waxy mineral known. chloride of silver is one of the purest, and also one of the commonest forms in which silver in a natural state occurs above the water line, and it is now known to exist in considerable quantities in the ore of the Broken Hill lode, having, in fact, been discovered in the ore of the broken Hillioue, having, in fact, occlusioned in the surface outcrop at a number of places in the blocks to the north of it, and also in each of those places where the lode has been cut at a depth, and the greatest depth yet attained anywhere on the whole line is 150 ft. This is in a shaft on the central block of the company's ground, where the lode is at that level. 20 ft. wide. For a great part of this width chlorides are ever-where visible in the ore, a sample of which has assayed as high as 5400 ozs. of silver to 1 ton, and the whole width shows the presence of sufficient silver to warnst being considered as fit for the smelters without any ting. Chlorides also appear in the ore where the lode has sorting. been cut through at 100 feet, although not so freely as been and also again half a mile north, in the only other shaft yet smi on the line. They are also freely visible in the masses of surface ore for a considerable distance south, a fair average bulk assistaken from a width of 10 feet across the lode from the locality (marked on the plan) giving 518 ozs. of silver per ton of ore Chlorides have also been found in the ore in the Great Norther Junction, where the lode bends out of the company's ground from block 16 in the Cosmopolitan, and in the Victoria Cross both on the line to the north. The lode is one of exceeding both on the line to the north. The lode is one of exceeding reat value, from which enormous quantities of highly payable of may be reasonably expected to be obtained, and upon which inthe near future a large number of men will find profitable employment As yet, comparatively speaking, no work has been done on this line, and the work now being done by the Broken Hill Company may be regarded as the first that has been made towards the great lode being opened and developed. The Broken Hill lode being opened and developed. it remembered, although admittedly the most important, is but one among scores of rich silver-bearing formations proved to exist on the field, from some of which thus early princare being obtained. The great future that New So are being obtained. The great future that New South Wals has before it as a silver-producing country is such that it my rival Mexico, and the rich silver-producing States of America.

The Mining Market: Metals, Ores, &c

METAL MARKET-LONDON, AUGUST 28, 1885. C V. 1551
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GENERAL REMARKS.

The Metal market has remained quiet, and for the most part easy in tone. There is one feature which seems to be becoming more and more characteristic of the various metals, and that is reduced supply. But before studying this question as a whole is may be well to notice the only exception, which is copper. Though the production of nearly all other metals is more or less curtailed, in copper it is increased. Prices descend constantly to the copy wars lack. unheard of figures, to a figure never dreamt of a few years last, and to a figure which but for a short while ago it would have been impossible to supply without incurring the heaviest less. 5,

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but still for all that, supplies of copper come forward in ever inbut still for any order of the state of the creasing abundance over expected, and however strange it may appear to any one over expected, and however strange it may appear to any one over expected, with the trade, it is nevertheless the fact that the unacquainted with the trade, it is nevertheless the fact that the lower the prices descend the market becomes more and more overflooded with extra supplies. It is not for us to predict the outcome of all this, but we refer to it as the exception to metals generally, in which just now the tendency is to curtail the output. We do not say the production is sufficiently reduced in face put. We do not say the production is sufficiently reduced in face of the present very dull and depressed state of trade, and in some instances it will be seen that stocks have increased to an enormous extent, but at the same time upon investigation it will be found that there is a general curtailment of supplies. In iron, for instance, the production has considerably decreased, but this has brought about no good effect, because the consumption has been diminished to a still further extent. Thus the total make of iron in the United Kingdom during the first half of this year was about 184,000 tons less than in the corresponding period of last year, and the consumption for the same time was about 275,000 tons less, and since which the production has not undergone much change, and the consumption of iron here, because had we passed it over it might have seemed strange to have insisted upon the diminished supply in view of the very large increase that has taken place in stocks, an increase which, when the iron returns for this month are compiled and published will be found to have very considerably further augmented. We next pass on to steel, the metal which is now so largely substituted for iron, and which is said to be the cause of so much depression in the United Kingdom this year of Bessemer steel ingots and Ressemer steel rails combined has been about 100,000 tons less and which is said to be the cause of so much depression in the United Kingdom this year of Bessemer steel ingots and Bessemer steel rails combined has been about 100,000 tons less than what it was for the same time of last year. In tin-plates also the production is not much more than three-quarters of what it was some two or three months ago, the tin-plate makers working only three weeks out of every four, and in spelter a combination has been arranged by the English and Continental makers not to increase their production, and, as in America, production has decreased, there is necessarily a positive diminution in supply. The supply of lead likewise is interfered with from the fearful rage of cholera in Spain, and the supplies of Spanish quicksilver are now practically at an end for this season, the total being about 2000 bottles less than last year, which in their turn were also nearly 1000 bottles less than in the previous year. In tin there has been no noteworthy change in the rate of supply, the total for the 12 months ending last July being only about 250 tons in excess of what it was in the previous 12 months, and as the total stock during the last 12 months has diminished by about 100 tons the figures are only worthy of notice for showing an increase in what it was in the provided 12 months has diminished by about 100 tons the figures are only worthy of notice for showing an increase in consumption for that time of about 350 tons, and prove literally nothing with regard to the question of supply which is now before us as the quantity is much too small to prove any permanent alteration. However, taking metals on the whole, the tendency is to curtail the output. It may partly arise from the reduced values forcing supplies to diminish their output, but the principal cause is the bad trade. There is not the market for so large a supply; the trade do not require it, and even now at the present reduced rate of supply stocks accumulate in some instances to a very alarming extent. To conclude the whole matter we can but ask what effect does this diminished supply produce upon the whole trade? It does not have the effect of materially improving prices, because it is not reduced sufficiently. When it is first made known that supplies are about to be reduced, a short-lived spirit of speculation ensues, causing a tem-When it is first made known that supplies are about to be duced, a short-lived spirit of speculation ensues, causing a temporary slight advance in prices, but is quickly followed by a reaction, often leaving values at a lower level than previously existed. The reduced production must largely contribute toegisted. The reduced production must largely contribute too wards increasing the poverty of the masses employed in various branches of the metal trade. The shorter time at which many of the works are in operation means reduced wages, and the turning off of many hands altogether, and considerably reduced profits to employers themselves, and since the present reduction does not establish that which is required—an improved market—it is for manufacturers to decide whether it is more advisable out of work, or to continue increasing stocks, and thus necessarily prolonging the period of depression.

COPPER.

This market has remained quiet, and prices for Chili bars have continued to tend in favour of buyers, falling at the rate of about 2s. 6d. per ton per day for both cash and forward prompts. The prospect of the market seems very gloomy, and very few operators are disposed to buy forward. As Chili bars are the medium for speculation it may be interesting to consider some of the features connected with that particular description of copper, particularly as the whole market is regulated almost entirely from the tendency of prices for Chili bars. The first feature that calls for notice is the stock, and dealing with the question in round figures we find that there is an actual stock hore of bars alone—for we are not dealing with other descriptions COPPER. question in round figures we find that there is an actual score of bars alone—for we are not dealing with other descriptions of Chilian produce—of about 8000 tons over and above what there was at the same time of last year. In addition to which there is advised from Chili as coming forward some 2500 tons more than at the corresponding period of last year. The foregoing figures are according to the latest extractions but the Assert statistics will be out early part period of last year. The foregoing figures are according to the latest returns, but the August statistics will be out early next week, when the actual figures will be obtained, but for the present week, when the actual figures will be obtained, but for the present the figures quoted are sufficient to give the present state of the market, and to which should be added the last two charters, amounting together to some 3600 tons, chiefly bars. So much for the actual facts, and then as regards the probability of future supplies and future consumption it seems most likely that the former will be fully maintained, whilst the latter may be expected to diminish. Suppliers will doubtless continue to send forward larger quantities of bars than other Chilian produce, partly because they contain a far greater percentage of partly because they contain a far greater percentage of pure copper, and it is, therefore, more economical, the freight in proportion being considerably cheaper—that is to say, Chili bars, as a rule, contain about 96 per cent. of pure copper, whereas other descriptions of Chilian produce frequently only contain about 30 or even 15 per cent., by which it will be at once seen that the cost of transit must proportionately be vary much loss. that the cost of transit must proportionately be very much less upon that which contains the highest produce. Furthermore, suppliers are likely to send forward their bars in preference to their ores and regulus, because there is always a market for them here. Consumers, it is true, do not purchase in any large quantities; but holders buy largely, and providing suppliers can rid themselves of their produce, it matters not to them whether it be to consumers or to operators and the general dealers. For these reasons we cannot look for any reduction in the supply of Chili bars; and then, with reference to the consumption, there is every reason to fear that will continue decidedly limited.

Smelters will not purchase bars in any quantity. They lay Smelters will not purchase bars in any quantity. They lay themselves out for smelting, and, therefore, the produce contain-Sheets for galvanising are slightly firmer, and there is a fair defing the smaller percentage of copper suits them better. They only want the more refined copper when their works are pressed for delivery of outstanding contracts, but the general business of the smelter is to purchase the raw material and to refine it, and bot to buy it already refined. Chili bars were all very well when there is a fair defining in marked and for common bars, but next to nothing is doing in marked to 1½: Great Lavey, 9½ to 10; Boman Gravels, 4 to 4½; Leadhills, 2½ of the smelter is to purchase the raw material and to refine it, and bot to buy it already refined. Chili bars were all very well when there is a fair defining in shares even at lower quotations. Vans are quoted 1½ to 2½; Great Lavey, 9½ to 10; Boman Gravels, 4 to 4½; Leadhills, 2½ of the smelter is to purchase the raw material and to refine it, and there is a fair defining in shares even at lower quotations. Vans are quotations. Vans are

that supplies of limited produce come forward from so many that supplies of limited produce come forward from so many different parts of the globe, the requirements of smelters are thereby satisfied without the necessity for purchasing beyond the most limited quantities the highly copper produced Chili bar. There are many persons so deeply interested in the future of copper that they are very naturally desirous to know whether the present fall is legitimate or not, and also whether any further reduction is probable or if these is represent a proposed to the content of The daily prices are often narrowly watched in order to obtain any information that may lead to a correct conclusion, but if holders choose to be guided by the mere market fluctuations they will in all probability be misled. It is always dangerous to be guided by the mere quotations or by the open action of other operators or to be influenced in any way by their expressed opinions. There is but one right principle upon which to base all operations to a successful end, and that is too well known to all business men to need pointing out here. The market to-day has again been easier, prices declining to 42l. 7s. 6d. cash, and 43l. three months.

IRON. This market remains dull, and with the exception of a few fluctuations in Scotch pigs there is no change to record. Recently some reports have been circulated of a slight improvement in this trade, and also a brighter prospect. What reasons there may be for arriving at such a conclusion it is difficult to fathom—nay, further, the very causes that are at times brought forward in substratistics of the trive are recorded. in substantiation of that view are more often than not those which are the strongest evidence of the bad trade, and the least likely in substantiation of that view are more often than not those which are the strongest evidence of the bad trade, and the least likely to produce any material revival. For instance, we are told that production may be reduced. Well, it will be a good thing for the trade at large if it is, for it is now far too heavy; but is this not the very strongest evidence of a deficiency of trade? Business is too small to consume the present output, and that a reduced production compared with the few previous years. It is a certain proof that trade is now bad, and it is most improbable and quite contrary to the ordinary course of events that as business is limited at present low values it would be stimulated to any extent by an advance in prices from reduced production. A temporary rise might thereby follow, chiefly from a little extra speculative buying, but from not being backed and supported by ordinary business, it could not be of long duration, and the market might, as is not unfrequently the case, become irregular, and perhaps afterwards still lower rates accepted from those who had been speculative enough to "bull" the market being forced to press sales, and thus cover their risky purchases. Again, it is said that the low prices must encourage business; but this has been urged for a long time past, though it has not as yet had the desired effect. The reduced prices is another very strong evidence of the limited trade, and by the marked hesitation with which all buyers show before paying any advance, it does not at all look as though any improvement could marked hositation with which all buyers show before paying any advance, it does not at all look as though any improvement could be for long sustained. Again, the tone has been reported a little better, and from speculative business perhaps it may be; but speculation cannot keep a market together, and it is only likely to unsettle the regular course of business. The cheapness of prices is thought likely to form an inducement; but they are not nprecedently cheap, as many seem to believe. In 1879 about s. less than current rates of Scotch pigs was accepted, and in 1843 the lowest price touched was 32s. It is difficult to see what possible inducement there is to buy this metal at the present time for speculation. The manufactured trade is pronounced dull in all the iron centres. The immense falling off in the Scotch shipments continues, and week after week there is a reduced export not only compared with the same time of last year, but also with similar weeks of with the same time of last year, but also with similar weeks of several previous years. Stocks are accumulating at an enormous extent, by some thousands of tons per week. There are the strike difficulties raging in the North because masters cannot afford to pay their men so large wages. There is the positive lost Staffordshire trade, and the keen competition with the Continental manufacturers. These are the dry facts of the trade, and there is no good feature to be seen anywhere. There is not the slightest indication of permanent improvement, and those who are tompted into huging the raw material now simply and there is no good feature to be seen anywhere. There is not the slightest indication of permanent improvement, and those who are tempted into buying the raw material now simply because the price is low, they will doubtless either have to hold to their stocks for a very long time, or part with them at a positive loss. It would be a good sign for trade generally if iron were to revive, because of all commerce perhaps it has the greatest influence, but still there is no feature at present to which we could point as the lone likely to cause any restoration in the near future. The market will doubtless continue to drag with nothing but these occasional little speculative influences to break its usual and regular course. There was a good business done upon the Glasgow warrant market on Monday, and the price ranged between 41s. 5d. and 41s. 7d., and on Tuesday, after various transactions were carried through betwixt 41s. 7d. and 41s. 7½d., the price fell away to 41s. 5½d., with sellers over. On Wednesday there was a steady market with buyers at 41s. 6d., and sellers at 41s. 6½d., and yesterday there was a fair *jousiness at the latter price, whilst today the closing figure is 41s. 6d. The shipments last week were 8942 tons against 9320 tons for the same week of last year being a decrease of 378 tons, and which makes the total shipments for the whole of this year 292,733 tons against 365,229 tons for the same time last year and 427,150 tons for the similar period of 1883. There are two furnaces less in blast, the present total being 90 but the public stock has been further increased by 1237 tons the whole of this year and 427,150 tons against 505,229 tons for the same time last year and 427,150 tons for the similar period of 1883. There are two furnaces less in blast, the present total being 90, but the public stock has been further increased by 1237 tons and now amounts to 616,805 tons, against 615,568 tons last week. The imports of Middlesborough pig-iron into Grangemouth last week were 6300 tons, against 5926 tons for the same week of last year, being an increase of 374 tons, and which makes a total increase for the whole of this year compared with last of 70,592 tons. There has been a slightly better tone upon the Middlesborough market owing to improved shipments, those for this month up to the end of last week amounting to 60,794 tons, against 53,243 tons for the same time of last month. Buyers, however, are very shy to pay any advanced prices, and the public stock has further increased by 4741 tons, and now amounts to about 70,000 tons, or about 20,000 tons more than it was last May. The present price for No. 3 is 31s. 10½d. for prompt delivery, and 32s. for forward, whilst No. 4 forge is offering at 31s. to 31s. 3d. The manufactured trade remains very dull at 31s. to 31s. 34. The manufactured trade remains very dull 41. 15s. for ship-plates and bars, and at 41. 10s. for angles. Thrade at Walvarhampton is cufficient. 44. 10s. for ship-plates and bars, and at 44. 10s. for angles. The trade at Wolverhampton is suffering considerably from the increased foreign competition both from Belgium and America, and whilst beginning and all 4. whilst business remains very dull there is considerable weakness in quotations. Some fair orders, however, have been placed for

sheets for India, Cape, and Australia, and prices are about 7*l*. for doubles, and 8*l*. 10s. for trobles. Hoops are offering from 5*l*. 17s. 6d. to 6*l*., and strips at 5*l*. 15s. Bars can be purchased

at 62. 10s.; all-mine pigs at 55s., and common at 32s. 6d. per ton.
At Birmingham transactions continue of the most limited nature,

and although a few furnaces have been damped down supplies are far too heavy, and the prices realised are very unremunerative. Sheets for galvanising are slightly firmer, and there is a fair de-

cepted. On Wednesday the lowest official quotation was 911. 10s., and yesterday, after 91%. 5s. had been taken in the morning, the market recovered to 5s. per ton, while to-day at the opening 91% was accepted, but the price has since rallied to 91%. 12s. 6d. Generally during the week Australian has realised a promium of 2s. 6d. upon Straits, and for the last few days the difference between forward and cash prices has not been more than 15s. It takes a long time to restore full confidence in the stability of the market. long time to restore full confidence in the stability of the market. We have seen the difference between the cash and forward prices very gradually and slowly dwindle down from 5% down to the present difference, and so it may be expected to gradually continue to diminish until there is no difference at all, and the premium paid for forward as it should always be. The market is very slowly beginning to right itself, because sellers are less ready to continue to make sales forward unless better prices are paid. They have been crippled more or less from their recent sales, and are therefore less disposed to go on salling at such paid. They have been crippled more or less from their recent sales, and are, therefore, less disposed to go on selling at such enormous risks. They have incurred heavy losses, and therefore consider it more advisable to deal cautiously, to discontinue playing with prices, and to take into consideration the actual merits of the market. It will be urged that such sales were necessary, because have a season and would not pay the full prices. because buyers were scarce, and would not pay the full prices.

Of course they would not when sellers showed so much willingness to accept such reduced prices, and to make such liberal concessions. It is not to be expected that the buyer will endeavour cessions. It is not to be expected that the buyer will endeavour to push up prices. He will do all he can to keep them down, and all purchasers who have recently bought forward have had the opportunity of making very handsome profits. In the first place, they have been able to buy at a price much below that ruling for cash, and, therefore, minimised their risk, because it needed a heavy fall in the market before any loss could possibly be sustained; and in the second place the general taulence of prices. tained; and, in the second place, the general tendency of prices, with the exception of the last few weeks, has been upward, so that when prompts have become due, the difference between the that when prompts have become due, the difference between the cash price and the forward price paid, plus the advance in the market value during the interim, must have given a very substantial profit to the operator. But these times are now passing away, whether permanently or only for a while has yet to be seen. Just at the moment, instead of a difference of 5t between forward and cash there is only 15s., and the market, instead of being active, with a strong upward tendency, is frequently very easy, and for the present very uncertain. In spite of this, sellers are shy to go on effecting sales; their losses have made them careful, and although many were risky enough to sell freely forward, even when the market was exceptionally strong, they now prefer to transact their business only for cash, in which there is less risk. The change in tactics must be ascribed not only to the losses incurred, though that may be the principal reason, but still it is due in some measure to the fact that when the upward movement was first started it was expected by many that a reaction equally due in some measure to the fact that when the upward movement was first started it was expected by many that a reaction equally sharp would ensue, but time has proved otherwise; and instead of there being any particular reaction the market is well sustained, and those who were the least sanguine before now see features in it which may give continued support, and perhaps cause further improvement.

Spelter.—The market is firm at 14% 5s. to 14% 7s. 6d. for ordinaries, and 14% 10s. for specials, and for distant delivery rather higher prices are asked.

Leap is flat, with sellers of Spanish at 11% 10s. to 11% 12s. 6d.

LEAD is flat, with sellers of Spanish at 111. 10s. to 111. 12s. 6d. er ton.

Antimony remains quiet at 36l. 10s. to 37l. per ton.

Steel.—A moderate business is doing without change in

TIN-PLATES.—Prices continue very steady, and a fair number of ransactions are being carried through.

QUICKSILVEE remains unchanged, without any special feature.

The settlement of the usual fortnightly account has occupied the chief attention of the dealers in the MINING SHARE MARKET this week, and on the whole business has been dull and inactive, while prices generally speaking have not been so firm, and in many instances have fallen below the quotations of last week.

Metals seem to fluctuate now almost as much as shares, and there is more than the usual sympathy between them for bulling and

is more than the usual sympathy betwe en them for bulling and

earing purposes.

The mines chiefly dealt in have been West Frances, Wheal Gren-ille, East Blue Hills, Prince Royal, Prince of Wales, Crebor, New

The mines chiefly dealt in have been West Frances, Wheal Grenville, East Blue Hills, Prince Royal, Prince of Wales, Crebor, New Kitty, Blue Hills, Van, and a few others.

Tin has been lower, but no change has yet been made in the standards for ore in Cornwall, and as the margin of profit between the smelter and miner is 111. per ton, it is hoped that the reduction may be made while tin remains even at its present price. In shares business has been restricted and prices lower. Blue Hills, 1\frac{1}{2}\$ to 1\frac{1}{2}\$; at the meeting the accounts for four months showed a profit of 921. 13s. 5d., and a debit balance, after crediting a call made in May last, of 6631.8s., and the sale of 220 shares at 2211.15s., of 7391.9s. 11d. The shares were sub-divided into 6000, and a special meeting called for the 5th September to confirm the above resolution. The tin sold (34 tons) realised 17671. 10s. Carn Brea, 3 to 3\frac{1}{2}\$; Cook's Kitchen, 10 to 11; Dolcoath, 71 to 73; East Pool, 45 to 46; East Blue Hills, 1\frac{1}{2}\$ to 1\frac{1}{2}\$; the report this week is very promising, and with a good lode in the shaft. Killifreth, 12s. to 14s.; New Kitty, 9s. to 11s.; South Condurrow, 6\frac{1}{2}\$ to 7; South Crofty, 4\frac{1}{2}\$ to 5\frac{1}{2}\$; West Basset, 1\frac{1}{2}\$ to 2; Wheal Basset, 6\frac{3}{2}\$ to 7\frac{1}{2}\$; West Frances, 7\frac{1}{2}\$ to 8; West Godolphin, \frac{1}{2}\$ to 1; West Kitty, 7\frac{1}{2}\$ to 7\frac{1}{2}\$; Wheal Agar, 19\frac{1}{2}\$ to 19\frac{1}{2}\$; Wheal Frances, 7\frac{1}{2}\$ to 1\frac{1}{2}\$; Prince Royal, 4s. to 6s. At Botallack meeting the accounts showed a debit balance of 3657L, which was carried forward. The loss on the last quarter's working was only 28L. The tin sold realised 3380L Goodevere, 1 to 1\frac{1}{2}\$; Phonix, 1\frac{1}{2}\$ to 1\frac{3}{2}\$; Polberro, 1\frac{1}{2}\$ to 2\frac{3}{2}\$; Tindene, 2\frac{1}{2}\$ to 2\frac{3}{2}\$; West Ploreen, \frac{1}{2}\$ to \frac{3}{2}\$; Polberro, 1\frac{1}{2}\$ to 2\frac{3}{2}\$; Par Tin, 1 to 1\frac{3}{2}\$; Polbered, \frac{3}{2}\$ to \frac{3}

mines. Shares, as a rule, are lower, and most quotations merely nominal. Bedford United, 10s. to 15s.; Devon Great Consols, 2½ to 2½. Devon Friendship, 6d. to 1s.; in our remarks upon the accounts published for the meeting the year "1882" was omitted after the words "31st December." We are now informed that the shares have been enquired for, and that the directors have received an offer to find all the machinery materials and labour to drain the an offer to find all the machinery, materials, and labour to drain the old mine to 60 fms. deep for 3000l. If this is carried out only addi-

old mine to 60 fms. deep for 3000l. If this is carried out only additional pitwork will be required to go deeper; and that, although the revenue account included the business for about 2½ years, the sales of arsenic, tin, and copper, amounting to 6943l., were for under two years, as sales have been suspended for some time through the inefficiency of the old calciner.

Gunnislake (Clitters), 5s. to 7s. 6d.; Marke Valley, 2s. to 3s.; Mellanear, ¾ to 1; New West Caradon, 1s. 6d. to 2s. 6d. Prince of Wales, 7s. to 9s.; the main lode at the 115 is expected to be cut in about three weeks. Wheal Crebor, ¾ to 1. South Caradon, it will be seen, is to be stopped, and the company wound up. At the meeting, on Tuesday, it was decided to offer the mine and machinery in one lot as a going concern before breaking it up. West Seton, 5 to 5½; at the meeting, on Thursday, the accounts showed a loss of 1200l. on four months' working, and a call of 10s. per share was made.

ur months' working, and a call of 10s. per share was made LEAD remains about the same, and there is scarcely any b

Colorado, $2\frac{1}{6}$ to $2\frac{1}{3}$; Columbian Hydraulic, 9s. to 11s.; Copiapo, 2 to $2\frac{1}{3}$; Frontino and Bollvia, $\frac{1}{6}$ to $\frac{3}{2}$; Santa Barbara, 1 to $1\frac{1}{4}$. The produce of gold, 1489l. 4s., yielded a profit on the month of 228l. 4s. 2d. La Plata, 5s. to 6s.; Mysore, $1\frac{1}{2}$ to $1\frac{3}{4}$; Orita, 1 to $1\frac{1}{4}$; Oscar Gold, 6s to 8s.; Panulcillo, 2 to $2\frac{1}{4}$; Richmond, $3\frac{3}{4}$ to 4; United Mexican, $2\frac{1}{4}$ to $2\frac{1}{6}$; Lisbon-Berlyn, 6d. to 1s.; Hoover Hill, 6s. to 7s.; Montana, $2\frac{1}{4}$ to $2\frac{3}{6}$; New Guebrada, 1 to $1\frac{1}{4}$; Nundydroog, 8s. to 10s.; Ooregum, 2s. to 3s.; Potosi, 4s. 6d. to 5s. 6d.; Ruby, 5s. to 6s.; St. John del Rey, 65 to 70; Schwab's Gully, 3 to $3\frac{1}{2}$; Tolima A, 3 to $3\frac{1}{2}$; Victoria, 3s. 6d. to 4s. 6d.; Western Andes, $4\frac{1}{4}$ to $4\frac{1}{2}$.

Mining Motes.

A REGRETTABLE incident has occurred in the Mining Division of Cornwall. There have been many complaints and profuse explanations. A few days since an underground man named Josiah Luke, employed at Dolcoath, addressed a meeting of miners at Camborne in favour of the candidature of Mr. Conybeare, and in the course of his speech he adverted to the cele-brated fine of 25,000% at Dolcoath, observing that this money was really drawn out of the "blood and sinews" of the miners themselves. This statement was brought to the notice of the agents, and the man was called upon to apologise. He refused the request of the agent—Capt. Johns—unless he knew for what expression he was to atone. From the correspondence published we cannot gather that the agent would, under any circumstances, we cannot gather that the agent would, under any circumstances, furnish the man with the words complained of. The latter declined, therefore, to do anything, and was told to take his dismissal at the end of the week. Capt. Josiah Thomas, upon his return, having been informed by Luke he did not mean to imply what had been reported of him, told Luke to remain on. Luke has declined unless—and here the man evidently asks too much—Captain Josiah Thomas gives a written assurance he will not interfere with the political freedom of himself and his fellow-workmen. Captain Thomas has again publicly addressed the miners at Dolcoath. Thomas has again publicly addressed the miners at Dolcoath, and said they were free to act as they pleased, but yet it cannot and said they were tree to act as they present, but be thought that Captain Johns committed an injudicious step in appearing as favouring Mr. Vivian, M.P. There are assertions—and these have appeared in the daily Press—that the agents of Dolcoath are canvassing the men for Mr. Vivian, and so far the declarations have not been denied. And, moreover, the man Luke states, in answering a challenge from Captain Thomas, that he was requested by one of the agents of Dolcoath
—Captain Chynoweth—to join Mr. Vivian's committee. It is hoped there will be no more cases of alleged intimidation in

At the monthly survey at Dolcoath, on Saturday last, Capt. Josiah Thomas, the manager, took the opportunity of addressing the men present with reference to the reported dismissal of one of their comrades by the executive of the mine for taking part in of their comrades by the executive of the mine for taking part in a recent political meeting held in Camborne. Capt. Josiah denied, on behalf of the executive, that such a dismissal tock place or would take place. The men were perfectly free to vote for whom they liked, and he (Capt. Thomas) would be the last man to interfere with the miners in their political struggles or to encleavour to influence them in the slightest degree for or against either These remarks were received with repeated cheers by

A PETITION for the wind-up of the Silver Stream Mining Company was presented to the High Court of Justice, on Monday, by Thomas Richards and Edward Jenkins, and will be heard before Vice-Chancellor Bacon on the 31st October.

A SYDNEY correspondent, writing on July 17th, remarks:—
"The output of silver in New South Wales is growing larger
every month, and, by present appearances, this will be one of the
richest silver countries in the world." A summary of the official report for 1884 of the Mining Department of New South Wales appears in another page.

It is stated that there is a good discovery at Cook's Kitchen Mine, the bottom cross-cut having reached Dunkin's lode, and being good for tin. The new development is regarded as of first

TINCROFT has this week holed to South Crofty, and this wil improve the ventilation of both mines. This has taken place in Tincroft at the 140 north.

THEY are looking well in the 200 east at Highburrow at Carn Brea. There they, as we have previously said, cross-cutted north 4 fms., and intersected a good lode, worth 1 cwt. to the ton. They are now rising to communicate with the winze coming down from the 187. They have not a fathom yet to rise. There is an excellent lode in this rise.

SHARES in most mines are being firmly held in Cornwall, much confidence being placed in most properties, despite the fact that tin has somewhat depreciated. East Pools find ready buyers

WEST FRANCES meeting is on Thursday next. There will be

WHILE the financial statement at West Seton, on Thursday, was not that which was expected, still Captain Rutter's report was satisfactory. Early in the four months certain stopes fell off, but there has now been an improvement, and increased returns are said to be absolutely assured.

Mr. W. E. T. Bolitho, of Polwithen, left Liverpool last week in the Adriatic for an extended tour in the United States.

Mr. Thomas Prior spoke out very plainly at West Seton meeting, on Thursday; and, were his example generally followed, should have no more cases of intimidation, real or alleged Mr. Pryor, as purser, said that inasmuch as the miners now had votes of their own, there would be no interference with them on votes of their own, there would be no interference with them on the part of the officials of that mine. But who started the silly story of the Messrs. Bolitho, the great firm of smelters and bankers of Penzance, withdrawing their interest from West Seton—that interest which, if withdrawn, would just now unquesably almost kill the mine. Mr. Hutchinson, an ardent supporter of Mr. Vivian, was the first to mention the rumour, and it was comewhat of a support of the rumour, and it was somewhat of a surprise-for the matter was not but faintly known tive, declaring that the rumour was to be ascribed to the Vivianites, who said the Messrs. Bolitho would withdraw should Mr. Convbeare be able to write M.P. after his name in November.
Mr. F. W. Michell humourously suggested that Messrs. Bolitho
have already arrived at the conclusion that Mr. Convbeare will
win. We can but remark, in our opinion, these assertions that with the possible return of Mr. Conybears there would be an end to all security in all affairs—mining, commercial, and social display a degree of absurdity which most persons cannot understand.

The directors of the St. John del Rey Mining Company have received the following telegram from Morro Velho, dated Rio de Janeiro, August 22:—Produce, 11 days (first division of August), 8000 oits.; value, 3100*l*.; yield, 4·3 oits. per ton; profit for the month of July, 900*l*.—Cuiaba: Expenditure in excess of produce for the same period, 150*l*. for the same period, 150%.

On Sunday an extensive fire was discovered in the interior of Cymmer Colliery. The framing of an engine was totally destroyed. Owing, doubtless, to the excellent state of the workings, under the careful management of Mr. T. Griffiths, a serious explosion, otherwise inevitable, was avoided. New framing and woodwork were immediately ordered, and the contract was sufficiently proceeded with for the workmen to commence with their usual employment on Monday morning.

At the meeting of the Cartago shareholders, on Tuesday, a vote of confidence was passed to the directors after a little opposition; and a resolution was passed counselling the board to raise a sum not exceeding 20,000/. by the issue of Ten per Cent Debentures. The debts of the company amount to about 7000/. but it is believed that the outstanding calls will nearly cover this the anticipation being that the improved prospects of the mine, as detailed by Mr. Skertchley, the manager, will induce those shareholders who are in arrear to pay up their calls. Probably about 12,000% of debenture capital will suffice to place the comabout 12,000. of decenture capital will same to place the company on a sound footing, and the directors are willing to subscribe their proportion. Confidence will be given by the fact that Mr. Boyce, a holder of 2000 shares, has been elected a director. Meanwhile the committee started by Mr. Joseph Nelson have practically done nothing, except collecting about 120% from the shareholders, and quarrelling amongst themselves. A full report of the meeting appears in another column together. A full report of the meeting appears in another column, together with a summary of the statement, made on the same day, by Mr. Joseph Nelson to the subscribers to the fund.

The plan of reorganisation submitted to the Lisbon-Berlyn The plan of reorganisation submitted to the Lisbon-Berlyn shareholders, on Monday, was unanimously adopted by them. Under this scheme provision is made for the adjustment of all claims against the old company. With economy and good management it is to be hoped there is a fair prospect of the company proving remunerative to the shareholders, who certainly have shown great patience in the face of most discouraging circum-

The shareholders of the Birdseye Creek Gold Mining Com-pany have fair reason to be satisfied with the result of the company have fair reason to be satisfied with the result of the company's working during the past year. Two dividends of 2s. each have been declared; and, seeing that hydraulic operations have been entirely suspended, and that the profits have been derived from drifting one claim alone—Uncle Sam—and that only for a ortion of the year, this result cannot be regarded as otherwise than satisfactory.

The Court of Bankruptcy on Thursday discharged the order appointing a receiver in bankruptcy of the estate of Baron Grant, and confirmed the scheme by which the estate will be realised and confirmed the scheme by which the estate will be realised under the superintendence of the Baron and Mr. F. Whinney, of Messrs. Harding, Whinney, and Co., as trustee, with the assistance of a committee of inspection, in terms of the scheme unanimously approved by the creditors. The estate showed, after making provision for payment of all debts in full, a surplus ranging from 30,000% to 70,000%, according as the securities are

COMPANY has been formed with a capital of 1,200,000 gulden, to work the mines and carry on agriculture in the king-dom of Siak, in East Sumatra. The Sultan has granted a con-cession till the year 1949, and the King of the Netherlands has sanctioned the company's statutes.

Then, the meeting at Wheal Agar was of a hearty character. Shareholders applieded the purser's statement that the present was the most satisfactory account they had ever had in connecwas the most satisfactory account they had ever him in connec-tion with the mine. Captain White, too, was the essence of cheerfulness. They were advancing their developing points with the utmost speed; they had met with a most important dis-covery at the 235, and this showed a continuation of the rich tin ground they had had in the levels above, and testified to the tin ground lengthening in depth. Of the eastern ground—which is of great extent—Captain White is sanguine of good things. No shareholder can possibly be displeased with the result of the last three months' work in this mine.

The directors of the California Gold Mine Company (Limited) write that:—Owing to delays, as yet unaccounted for, we have not yet received from the manager all the accounts and state-ments necessary to enable us to complete the balance-sheet to allst May last, and the directors, therefore, much regret that they have not yet been able to issue their annual report, and summon the ordinary general meeting. No time will be lost, however, as soon as the accounts arrive, to place them before the shareholders. The latest reports to hand from the mine are favourable and decidedly encouraging, much more so than at any time during the last six months

THERE is some doubt about the wonderful gold discoveries in New Guines, as recently reported. At the meeting of the New Guinea Gold Exploring Company, at Melbourne, on July 13, it was proved that the ci devant gold discoverer had bought the gold "discovered" from a jeweller at Launceston, Tasmania. On his representations he succeeded in floating the above company to

A MEETING of Balkis shareholders will be held on Monday next. We commend to the shareholders a perusal of Lord Robert Montagu's letter and Mr. Mears' circular on another page. If

Ox Monday afternoon, about three o'clook, Thomas Williams, of Camborne, missed his footing in the ladder-way at Wheal Agar Mine, and fell from the 195 to the 205 fm. level (60 ft.), and escaped with only a few bruises.

THE New Great Wheal Vor Tin Mining Company (Limited) is to be wound-up. The petition was presented to the Truro Stannaries' Court by Mr. R. Marrack, Truro, on behalf of Messrs. Harvey, and Co., Hayle.

AT Pedn-an-drea United Mines a good improvement has been reported at the 120 fm. level, east of the cross-course; the same evel is driving to intersect the lode west of the cross-course, level is driving to intersect the followest of the cross-course, where they expect to meet with the lode equally productive. The south lode at Bain's shaft at the bottom or 140 fm. level is also looking well, and the mine generally improved. Now working at

Mr. May, auctioneer, of Liskeard, will sell on September 9th, at the Auction Mart, Tokenhouse-yard, London, E.C., in one lot the whole of the valuable mining plant and machinery, all in good order, of the South Caradon Mine.

We were enabled last week to provide our readers with a me rial report of the ordinary meeting of Wheal Peevor adventuren cial report of the ordinary meeting of wheat rever saventures. In connection with that meeting a few remarks are not inappropriate. This mine is an example of the uncertainty there is in mining. Wheal Peever was resuscitated in 1872. The objection of the wine was to explore the design. point in the restarting of the mine was to explore (to develope the ground known as Peevor Bottoms; but from 1872 down to point in the restations of the sections; but from 1872 down to some four months since this part of the sett was not touched by reason of the south lode being discovered. So phenomenal was the success in respect of the south lode that we will give a short account—thanks to Capt. White, the late manager—of this discovery. The lodes in Wheal Peever district were in clay-slate or killas. In 1872, when the present company commenced operations, the engine-shaft had been sunk on the old north lode to the 48, and the workings made on it from the deep adit level 50 fms. below surface, had been of an extensive character. The year 1875 found the company at the 60, on the old north lode. Capt. White then undertook the management, and had a cross-cut driven south, thus cutting the south or main lode in 6 fms. cat driven south, thus cutting the south or main lode in 6 fmg.

Calls had been made in the three years to the extenter driving. Calls had been made in the three years to the extended 22,650l. When cut the new lode gave a produce of 1 cwt. of the to 1 ton of stuff, and the lode was $2\frac{1}{2}$ ft. wide. From the crossto I ton of stuff, and the lode was $2\frac{1}{2}$ It. While. From the cross-cut westward to the boundary the tin ground was continuous the lode varying in value from 10th to 100th, per fathom, and in width from $2\frac{1}{2}$ ft. to 20 ft. Productive west of the cross-cut to the east the lode split into numerous unproductive branches. During the four most successful years this lode was worked the tin sold was 2287 tons. The price was low, the average being about 43l. per ton, yet the profit was considerable. The amount realised was 100,199l., this leaving a profit of 27,176l. The amount realised was 100,199l., this leaving a profit of 27,176l. The amount realised was 100,199l., this leaving a profit of 27,176l. The amount realised was 100,199l., this leaving a profit of 27,176l.

THESE results were, of course, most satisfactory. Peevor was then regarded as the prize in Cornish tin mining Since 1882, however, the losses made in Wheal Peevor have been Since 1882, however, the losses made in Wheal Peever have been considerable, and it is very necessary that another improvement be met with. Let us hope it will be found in Peever Bottoms. There are appearances that "in the long ago" the old miner made great returns from this part of the sett; the books at the smelting-houses prove that large quantities of tin were raised in Wheal Peever about a century since. At any rate the shareholders cannot continue to suffer the tremendous losses they are all head share heads a sustaining. and have been, sustaining.

Members of the Mining Association and Institute of Cornwall, in their first annual excursion as amalgamated societies, meet at the railway station, Lostwithiel, on Tuesday, and proceed in Restormel Castle, and the tin stockworks at the Mulberry Mine, Lanivet, to Lanhydrock.

BOTALLACK - a name historical in Cornish mining - which, about BOTALLACK—a name historical in Cornish mining—which, about a year ago, was submitted to public auction, and found no purchaser, has during the past three months practically paid costs, the loss being the small one of 28l. It is to be hoped here the dark days have passed, and that the adventurers are on the ere of brighter times. The shareholders descrive success, for the mise is held by comparatively few. While there have been many re-linquisbments—we believe nearly one-half of the shareholden threw up their shares when everything was in a despondent state in tin mining—there were local men with the money and the in the mining—there were local men with the money and the courage to weather the storm, provided the storm were not too prolonged. Their perseverance appears likely to be rewarded. With a few pounds further rise in tin Botallack should certainly do well at a not distant date. Still, there is a heavy debt to be discharged, and we would have liked an attempt made to

On behalf of Mr. J. O. Harris, of Exeter, Mr. J. G. Chilestt has made an application before the Vice-Warden of the Stannaries, Truro, to be relieved from the payment of arrears of call, and a general call—over 17,000l.—in the Frank Mills Mining Company, on the ground that he was unable to pay. The application was opposed, and dismissed with costs.

The Vice Warden of the Stannaries Court has made an order for the winding-up of the New Great Wheal Vor Tin Mining Company. The petition was presented on behalf of Messrs Harvey and Co., merchants, Hayle.

WHAT a happy contrast Wheal Agar now presents in comparison to the position it occupied some years ago. Seventy is a long period in which to battle against adversity. Yet what was done in this mine, which at length has taken its place among the leading mines of Cornwall, and that this hold will be maintained for an unlimited duration of time none doubts. Of course as year succeeded year, and success came not, the mining community could not understand the matter, with so magnificen community could not understand the matter, with so magnificent a property as East Pool, simply separated from Wheal Agar by the parish road. It was some two years since, while Wheal Agar was continuing to make considerable losses, that Captain Thoms Hodge, of Wheal Grenville, having specially inspected the mine, informed the writer that in a short time Wheal Agar would prove a prize—that it would be the next success in Cornish mining. Usually careful in his anticipations, Captain Hodge's opinion was borne out to the letter. Cornishmen, as a rule, derive much pleasure from the fact that, after paying out large sums to meet deficits, Mr. Waddington, of London, and his friends, who had implicit faith in the mine, are being recouped for their outlay.

First, in considering the quarterly meeting, we are at once reminded that the handsome divisable profit reported did not actually represent the profit made. By this we mean, as the Chairman mentioned, that at least 1000% was spent and charged, which in a Limited concern would be placed to capital account if It is important to remember this fact, when it is often shown in our representative is admitted, we shall give next Saturday a full and fair report of the proceedings.

On Monday afternoon, about three o'clock, Thomas Williams, and other works connected with the new shaft 1000%, as we have said, was paid, the profit therefore having been literally 3215.

The dividend was at the rate of 7½ per cent.—a percentage, however, should tin continue its price, which must be increase this, too, in the event of these shares going higher. An is no reason why the shares should not materially improve as the returns of tin increase. That the quantity of tin to be raised will soon be augmented is practically assured. At present the stuff in Wheal Agar is drawn from one shaft, by one sltip, which has also to be employed to send down materials. At about Christmas Captain White hopes to commence drawing at the new shaft, from the 215, and in the new shaft there is being provided a double skip-road. Now, there are in actual work 62 heads of stamps; 16 additional heads of stamps are to be forthwith put in, and these should incresse is no reason why the shares should not materially of stamps are to be forthwith put in, and these should incress
the quantity of tin by about one-fourth. It is an interesting the quantity of tin by about one-fourth. It is an interesting fact that, proportionate to the number of heads in the respective mines Wheal Agar sends to the smelting-house as much tin as her rich neighbour, East Pool. Captain Trevena, the late manager, was doubtful of the efficiency of the new compound engines; but Captain White expresses himself as satisfied with them.

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WATSON BROTHERS MINING CIRCULAR

WATSON BROTHERS, MINEOWNERS, STOCK AND SHARE DEALERS, &c., 1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

We have received several letters asking us about Herodsfoot, but we are unable to give all the information required, not having had a share in the mine for some years past. At the meeting held on the 5th February, 1880, a Cornish purser was appointed also Cornish bankers, and we ceased to be shareholders or treasurers or any way connected with the mine. A committee was also appointed, and power given by the shareholders present or by proxy authorising the committee to overdraw the banking account to the extent of 500l. At this meeting the accounts surers or any way connected with the mine. ascends to extent of 3.00%. At this meeting the accounts showed sales of lead, 1423%. 15s., and a balance of liabilities over assets of 17k. 16s. 4d., and a call of 5s. per share (or 750k.) was made. The agent reporting "from his long experience in mining, that the mine would prove a lasting and valuable property."

By 1882 under the new management the mine seems to have got into debt 2120l. 16s. 8d., and at that time the bankers had got into debt 21201. 16s. 8d., and at that time the bankers had been overdrawn 11411. 3s. 1d., and 15421. 0s. 5d. were due to merchants. The new management had also in 1880 multiplied the shares from 3000 to 12,000, and a call on the latter number of 2s. 6d. per share was made; and it appears from particulars of that meeting one shareholder relinquished 800 shares. In 1883 it was found that the new secretary had absconded with 17001 of the shareholders' money, and also carring calls. In October of that year a meeting was called owing calls. In October of that year a meeting was called to audit the accounts which, owing to this defalcation and the state of the arrears of calls, &c., were shown to be 3904!. 8s. 3d. to the bad, and a call of 7s. 6d. per share which, with the machinery, was supposed to be enough to meet the debts was made, and the affairs were placed in the hands of a committee, with Mr. Wilson as secretary, to unravel, and the latter pointed out to the shareholders in January, 1884, how incorrectly the accounts had been kept, that most of the assets had been arrears of calls never collected, and then, owing to relinquishments and the action of creditors the affairs went into the Stangeries. and the action of creditors, the affairs went into the Stannaries Court. But this, as we have attempted to show, was not solely owing to the Cost-book System, but to the heavy defalcation referred to, and the arrears of calls which had been allowed to accumulate and become had.

It is more than 40 years ago since we introduced the mine to London in 250 shares only, of 5*l*. each. For some years the mine paid very large dividends, and shares rose to a very high price, and we are sorry to hear of such an ending to it.

At East Blue Hills the west end is worth 121. per cubic fathom-East Blue Hills the west end is worth 12. per cubic fathom-East end 25l. per cubic fathom. The agent states that 24 fms-have now been driven through the rich tin ground. The shaft the most important point of all, is going down on a lode worth in the north part 10l. to 12l. per cubic fathom, and in the middle 30l. per cubic fathom: altogether about 74l. per ordinary fathom. The shaft has been set to sink the whole left 12 fms. at 15l. per fathom, and the men to have a premium if they do more than 3 fms. a month

At Blue Hills the workings are at present confined to the Pink lode (which also runs through East Blue Hills), and the return from only two levels—the 50 and 66—are now 10 tons of A long rise has been put up from the 66 to the tin per month. So to ensure ventilation, and when this is accomplished it is proposed to drive a cross-cut north to intersect the now celebrated Baldhu lode of East Blue Hills. A new shaft is also being sunk near the eastern boundary to meet the Baldhu lode near the western boundary of East Blue Hills; and this, when met with, may give the shares a great lift.

At Prince Royal the same lode (Baldhu) will be met with in the cross-cut north in about three months; and this also is a very important point.

We possess a small plan and section of West Kitty as well as a report of the mine written by a practical agent, and when we made our remarks on the peculiar vagaries of the lode, which have been subject to so many comments, we had both report and plan before us, and we challenge Capt. Vivian to disprove their general accuracy in regard to the bottom level. We did not say one word the richness of the lode, for where they have rich indeed, and may yield a great quantity of tin. What we have said of the mine amounts to this, that from the extraordinary dip and run of the lode, below the 70, it became at the 84 leve ctically unbottomed, and that the so-called 84 level reported upon was, in fact, just below the 70. Capt. Vivian writes the West Briton that it is perfectly clear to all practical miners that we do not understand what we have been writing about in regard to the mine, and if we wish to know anything of West Kitty he would refer us to Mr. Walter Pike, as that gentleman saw the plan of West Kitty on the 20th, and expressed himself as being sorry that the Messrs. Watson should employ their time in writing about what they do not un-

We felt sure on reading this that Mr. Pike never said anything of the kind. Nor did he; he tells us, in fact, that he did not even see Captain Vivian; and the plan of the mine shown to him confirms that in our possession as to the 85, from which the rises were made to reach the almost horizontal dip of the ore passes through the shaft at the 70, and dips away into Wheal Friendly at the 84.

Why does not Captain Vivian publish a plan and section of the mine, so that his reports would be rendered intelligible to all? We sincerely hope the mine may long continue rich, but the shareholders have a right to know the truth and the whole truth.

The lode in the 135 level at Van is, the agent says, strong and rich in the bottom of the level, and makes him rather confident that they are in the top of another large deposit of ore, such as they had in the old mine. It is just 20 years since the rich lode was first cut that has given in the old mine about 1,000,000. worth of ore

East Lovel.-Send us the date of relinquishment and more particulars before we can express our opinion. A shareholder is liable to his proportion of debts to the end of month in which he relinquishes, and can claim his proportion of materials after a valuation has been made.

On Wednesday, at the Old Hill Folice-court, Birmingham, William Walter Homer, one of the proprietors of the Riddings Colliery Com-pany, and Jeremiah Skidmore, certificated manager, were summoned to snawer eight charges of violations of the Mines Regulation Act and Thomas Priest, "doggy," two charges. The summonses were issued by Mr. Scott, Mines Inspector, on the recommendation of the coroner's jury, at the inquest held on the body of John Naylor, who was killed by a fall of earth in the colliery early in June. Two summonses were also issued by the colliery proprietors against Priest for offences under the same Act. On the application of Mr. Waldron, who was disjurcted for the defence the case was disjurcted for who was instructed for the defence, the case was adjourned for a

If William Crisp and Emma Crisp, children of the late Robert Crisp, of Snape, Suffolk, and who were last heard of from Victoria and Queensland, Australia, will apply to Messrs. Mayhew and Sons, solicitors, Saxmundham, Suffolk, England, they will hear of something to their advantage, but a claim must be made within two years from August 1895. from August, 1885.

THE PREVENTION OF ACCIDENTS IN MINES.

The remarks we made with respect to the explosion at the Clifton Hall Colliery in an article on the subject in our columns on the 18th of July have been literally reproduced in the report of the miners' representatives with respect to the sad occurrence.

Mr. W. Pickard, J.P., and Mr. S. Woods were appointed by the Lancashire Miners' Federation to attend the coroner's inquest respecting the Clifton Hall Colliery explosion, and their report has just been presented to the Council. Indeed, in the case of no previous fatal explosion was the evidence as regards management and lavity of pulse for expurient the affects of the state of the control of the state of the control of the state of the stat no previous fatal explosion was the evidence as regards management and laxity of rules for ensuring the safety of the workmen more inculpatory with respect to managers, owners, and subordinate officials than that given at the enquiry as to the cause of the catastrophe at the Clifton Hall Colliery. With ordinary precautions, in fact, there would have been no explosion. But with naked lights, blasting with powder, the toleration of smoking by the workmen, and in a mine known to give off a great deal of highly explosive gas, the only surprise is that ar explosion did not take place at a much earlier date. Unden such circumstances, and considering the extraordinary verdict of the jury, which exculpated everybody, it is nothing more than the jury, which exculpated everybody, it is nothing more than what might be expected that a further investigation is demanded on behalf of the miners of Lancashire. In the article which appeared in the Journal we pointed out the fact that Mr. John Higson, the well-known mining engineer, who was appointed by the jury to report on the probable cause of the explosion, distinctly stated that with ordinary precautions, such as should have prevailed at a colliery giving off gas, as was the case at Clifton Hall, no explosion ought to have taken place. There is, therefore, full justification for the remarks in the report of the miners representatives, that the verdict, to put it in its most tender form, must be eminently satisfactory to the responsible managers, and pre-eminently dissatisfactory and disappointmanagers, and pre-emmently dissatisfactory and disappointing to the mining population, to the country, and also to the widows of those who fell a prey to the fire-damp. After reading the evidence no person of ordinary mind, in our opinion, could come to any other conclusion than that the catastrophe was not the result of an accident of which precautions could not have been taken. We are consequently of the same mind as Mr. PICKARD and his confrère, in coming to the conclusion that it is difficult to conceive how a jury consisting of 16 intelligent men, and after a careful review of the circumstances at stake, and after hearing the evidence of Mr. JOHN Hugson, when they had after hearing the evidence of Mr. John Hisson, whom they had specially called in, could agree, without the slightest misgiving, to exonerate everybody from blame who had charge of the ill-fated colliery—where gas had been seen and reported, where the known dangers had been repeatedly communicated to the managers and dangers had been repeatedly communicated to the managers and owners, and the strongest pressure brought to bear upon them to provide the best known safeguards against danger. That the verdict was in direct antagonism to the evidence cannot be denied, and the miners' experts are certainly justified in their statement that it was inconsistent and almost unparalleled, and in every way detrimental to the best interests of the mining population. In our article with respect to the explosion, we pointed out that the Inspector had the power of compelling the use of safety-lamps by bringing the matter under the notice of the Home Secretary under the provisions of the Mines Regulation Act of 1872, by which, in the event of the owners not carrying out the wishes of the Government Inspector, the whole subject would have been referred to arbitration. On this point the report of the miners representatives says, "Too little regard has been paid to the Inspectors' strong recommendation to use safety-lamps, and that such neglect of plain duty, to say the least, was most extraordinary, and demands further investigation." Few even of our mining engineers, we believe, will dispute this proposition made by the representatives of the working miners. Those gentlemen have also borne out, and that with almost literal accuracy, the remarks we made as to the duties of the Inspectors with resu the use of naked lights at Clifton Hall. Fo Dickinson stated, he had entreated the owners of the colliery have the best safety-lamps, but this they would not do. Well, therefore, may those who have looked after the interests of the ask why was compulsion not resorted to by the Inspectors for the "repeated non-compliance of these requests by the colliery-owners, seeing that the Inspectors could make out a very good case." It may well indeed be asked how it was that more stringency and firmness of purpose were not manifested in compelling the use of safety-lamps, for if this had been done there is no question that the terrible calamity which caused a loss of 178 lives would not have taken place. Messrs. Pick ARD and Woods still further bear out our remarks by stating that in their opinion the Inspectors ought to have taken means to have compelled the colliery-owners to use safety-lamps the pit, seeing that for years they had made the owners of the danger and risk they ran in having naked lights. At the same time we do not agree with them in their suggestions that it is advisable that juries summoned to enquire into the cause of satisfies the state of the control of the cause of solliery fatalities should be composed of practical miners, but we consider that the men so called together for the purpose of elucidating facts that may result in the preservation of life should, as far as possible, be free from local influences. The verdict as far as possible, be free from local innuences. The verdict of a jury appointed to enquire into the cause which has led to the loss of a large number of lives should be in every way unbiassed by local considerations, and such as should not leave room for unfavourable criticism on one side or the other. Unfortunately this has not been the case with respect to Clifton Hall, as admitted on all hands. The Home Secretary was dissatisfied with the verdict, so were the Government Inspectors, as well as Mr. John Higson, who was specially delegated by the jury to give them a special report. The miners too, are not only dissatisfied, but indignant with the decision come to, so much opposed as it was to the evidence given. In the interest of the latter a commission of enquiry is asked for, such as Government has granted in the case of great railway and such as Government has granted in the case of great railway and shipping disasters, and seeing that the lives of so many thousands of men who spend a large portion of their existence underground there is every reason to believe that Sir R. Cross, the Home Secretary, who takes a deep interest in mining matters as regards the safety of the miners, will accede to the request about to be made to him. A new and important enquiry conducted by practical and scientific gentlemen as regards the cause of the explosion at the Clifton Hall Colliery would be followed with deep nterest not only by working miners but by mining engineers in all parts of the country.

At the King's Head Hotel, Newport, on Saturday, the pro-perty known as the Pontnewydd Iron and Tin-plate Works was ounced to be offered for sale by Messrs. Parsons and Rob-After the conditions of the sale had been read, an unusual incident took place. Mr. Hughes, a gentleman acting on behalf of the mortgagee, objected to the inclusion in the sale of the machinery, timber, and chattels, which constituted his security.
Mr. Gustard (Gustard and Llewellin), the solicitors for the vendors, suggested that the list of incriminated articles should be read, and this was done by Mr. Hughes, who announced, after reading over a long list, that the purchasers of the articles enumerated would be held responsible for their value. Some other conversation ensued, and the auctioneers resolved to formally adjourn the sale. There was a large company present.

THREATENED GREAT STRIKE OF COAL MINERS

A report has just been issued by a committee appointed at the last ners' Conference with respect to the best means that can't A report has just been issued by a committee appointen at the lag Miners' Conference with respect to the best means that can be adopted for raising the wages of those connected with coal mines. The committee recommend that an advance of 15 per cent. shall be advocated and demanded throughout the United Kingdom after a conference to be shortly held, and to which delegates from all para are to be invited. The committee also recommend that, as a general conference to the property of the committee also recommend that are taken to the property of the committee also recommend that are taken to the property of the committee also recommend that are taken to the property of the committee also recommend that are taken to the property of the committee also recommend that are taken to the property of the committee also recommend that are taken to the property of the committee and the committee also recommend that are taken to the committee and the committee and the committee are the committee and the committee and the committee are the committee and the committee are the committee and the committee and the committee and the committee are the committee and the committee are the committee and the committee are the committee and the committee and the committee and the committee and the committee are the committee and the committee and the committee are the committee and the committee and the committee and the committee are the committee and the committee and the committee and the committee are the committee are the committee and the committee are the committee are the committee are the committee and the committee are the committee are the committee and the committee are the committee are the committee are the committee and the committee are the committee and the committee are the committee and the committee are the committee are the committee and th are to be invited. The committee also recommend that, as a general strike is not improbable until the surplus stocks of coal are taken away, there should then be a continued limitation of the output. It is assumed that the men have the power to say how much coal shall be produced daily, what it shall be sold at, and what they must be paid per ton for getting. It is well that such fallacies should be dispelled at once, and the men shown that they are advised to attempt what is impossible. The interests of the colliery-owners and working miners are not identical in the various mining districts, no more ing miners are not identical in the various mining districts, no more than is the rate of wages paid. At some places the average for a day's work is from 3s. 6d. to 4s., in others it will'range from 5s. to 6s., so that an advance of 15 per cent. all round would be merely perpetuating the existing anomalies with respect to miners' wages. It is, therefore, not likely that the men who are now fairly employed at the higher rate of wages will be induced to strike, whilst the other are not in a position to stand out. The men in the West Reitsare not in a position to stand out. The men in the West Riding after being out on strike for some time, have lately had to resemafter being out on strike for some time, have lastly mu to resum work on the masters terms, as there were no funds for their supper although most of them belonged to a powerful association. It di was the case with respect to a few thousands, what would it be wen some 100,000 or 200,000 men to go out on strike? But a general strike of miners, as has frequently been shown, is an utter imposs. bility, and even a partial strike on a moderate scale would be e disastrous to those who took part in it. Coming to the limitation of the production of coal, as recommended by the Miners' Committee and which has frequently been urged by some of the miners' representations. sentatives, but found to be impracticable when the time ca putting it in force, there are now comparatively few miners of odi mary intelligence who believe in it. But were it possible to adopti the miners would be about the first to find out that they were lo by it. The general trade of the country is now admittedly in a ven depressed condition, and were the fuel used atour works and manufactories increased in price that depression would be greatly intensified and the number of workmen now out of employ increased by many thousands. Assuming, however, that the output of coal could be limited so as to advance the price, it does not follow that the miners themselves would be much benefited if at all, by working four days a week instead of six, would great increase the cost of production, apart altogether from the question of wages, and the latter would also be less under any circumstance In addition to this increased value of coal would lead to an advain the cost of most products necessary to all classes, not even excepting the miners themselves. This would be an aggravation of the short-time policy that would be forced upon the mind of the most stolid miner when he found that whilst he was getting less money in the shape of wages he had to pay more than 'previous' for what was necessary for his family. It would indeed soon dawn upon him that whilst he and his mates who had acted with him had done all they could to injure the trade of the country, and had thrown thousands of men out of employ, they were also losers by the coarse they had adopted at the instigation of their paid advisers. Limitation of the production of coal is, consequently, out of the question and impracticable when looked at seriously from any point of view. The committee who recommended such a policy evidently overlooked. the fact that the mineowners throughout the country have not give the fact that the mineowners throughout the control of their property to the representatives of the working miners, and that so far as the production of coal is concerned that so flain to have a voice in the matter. When the they are likely to claim to have a voice in the matter. time comes, too, the delegates will find that they were not entitled to speak as the representatives of the great body of miners in the kingdom, and who are not likely even to attempt to carry out the suicidal recommendation they have made. There may be a strib harm so long as it lasts, and the only persons injured will be these who are foolish enough to take part in it.

The produce of the Bratsberg copper ore, per the John Evans, has been settled at 21 per cent. A cargo of 300 tons is daily expected at Burry Port, and above 400 tons is waiting shipment at Skien.

It is reported that the directors of the Devon Friendship have received an offer to find all the machinery (including a per water-wheel 50 ft. by 12 ft. breast), materials, and labour to drain the old mine to 60 fms. deep, for 3000%; and if this is carried out it is expected that large profits will be made at once. Only additional pitwork would be required to drain the mine to the bottom. We understand that, although the revenue account includes the business for about 2½ years, the sales of arsens, tin, and copper amounting to 69437, were for under two years, as suspended for some time through the inefficiency were The liabilities on the 31st July are 3357 the old calciner, &c. The liabilities on the 31st July are 33571; but it was explained at the meeting that a large deduction could be made from this if funds could be found to pay the balance.

LA TRINIDAD (Limited).—Report by A. M. Womble, General

LA RINDAD (LAMIRED).—Report by A. M. Wolling, Gaussiager, July 31: Since our last report under date June 4 we have can essecut to the north in level San Francisco to centre of vein 200 ft.; the of veut in this work shows an average of 31 oz.

We have ateped down, and have same ready to hoist from Salon Feldwood to the state of the same and Colorado to the till ft.; broke down in this level 2179 tons of 15 ozs. ore, all ready to hist

for want of lumber, and until our saw-mill is completed very little more can be done in either of these shafts.

Mill: The last two weeks in June and the first two weeks in July we were untile to run the mill. The weeks in June, on account of a Saint's day, were general religious holidays with the natives. It was impossible to get men to shour at any prices. Next year weeks in June, on account of a Saint's day, were general utilise the time in making a general overhauling of machinery at the mill and mine. Our foreign labour will be sufficient for this week.

Saw Mill: Have completed the road to the saw-mill's miles long. In addition to log shutes mentioned in our last, we have also constructed log ways 3 miles in extent to various portions of the mine, thus reducing the amount of haulig to the lowest possible point.

Have erected blacksmith shop, store house, framework for employee's house, and also graded out a large space, and constructed short tram way into saw, for the purpose of depositing large timber. The shutes constructed are estable of throwing into the mill 200,000 feet of lumber daily, with but one man to handle same. The quantity of labour necessary has been reduced to the lower possible amount.

Yesterday, the 30th inst., we dispatched the only freighter procurable to lied in the balance off machinery from Poirro; one week after this report reaches you this mill will be running.

Our surveyor has located a splendid line for tramway to the mill; at the mining timbers come from the saw they will be loaded on the cages by between, and be brought direct to the new works without the use of any stem power whatever; thus saving the company thousands of dollars annually of freight.

Our contracts for charcoal and wood will be placed right along the line of the cages of the mill.

Greight.

Our contracts for charcoal and wood will be placed right along the line of tramway, and same loaded into cages at stations, thus saving freights, as being laid down at works at the lowest possible price.

LEAD ORES. Date. Mines. ugust 24-Pierrefitte Tons. Price per ton. Purchasers. .. Panther Lead Co. BLENDE. Date. Mines August 23-Frongoch .. J. F. Kiramel.

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TREATMENT OF DRY AND BASE SILVER ORE. PROGRESS IN DRY CRUSHING SILVER MILLS.

The following article, by Mr. C. A. Stetefeldt, appeared in the last annual report of the Director of the United States Mint:—
It is not intended, in this paper, to treat the above subject in It is not intended, in this paper, to treat the above subject in an exhaustive manner, but only to point out in a general way what progress has been made, and to call attention to recent improvements which eventually must create a revolution in this special branch of metallurgy. The distinctively American dry crushing silver mill came into existence about the year 1865, after the discovery of the Reese river mines in Nevada. What had been done previously on the Comstock was simply to copy the Freiberg burrel amalgamation. The substitution of the pan for the barrel forms the real starting point of deviation from old methods. In discussing the progressive steps taken in the construction of dry crushing silver mills I will consider each one of the different parts of the plant by itself.

Realing of the Ore as it comes from the Mine.—Blake's

the different parts of the plant by itself.

Breaking of the Ore as it comes from the Mine.—Blake's crusher, first introduced for breaking ore in silver mills in Colorado in 1864, and since then in use all over the civilised world, marks the adoption of a principle for breaking ore which, in its application, is so simple, effective, and economical that I doubt if it will ever be superseded by any other. The idea has been taken up by many other inventors, and whatever the merits of their improvements may be, they have not achieved any important results which call for special commendation. Even in those crushers in which the jaws have received a circular form, the acting principle is essentially the same.

these crushers in which the jaws have received a circular form, the acting principle is essentially the same.

Drying of the Crushed Ore.—The old-fashioned dry-kiln, consisting of heated flues covered with iron plates, has almost completely disappeared, at least in most mills of more recent pletely disappeared, at least in most mins of more recent construction. It has been replaced by the revolving dry-kiln, first introduced about 1875, where I have not been able to ascerin. There is not only much labour and fuel saved, but the isture is more completely removed, which is essential for dry moisture is more completely removed, which is essential for dry crushing, and the annoyance of a hot floor, so unhealthy to the labourer, is avoided. A new style of dryer, the shelf dry-kiln, first built at Lexington Mill, Montana, in 1882, is rapidly gaining favour. Its mode of working being automatic, by gravitation, it dispenses with power. It also does away with dust-chambers, and occupies less space for equal capacity than the revolving dry-

The Crushing of the Dry Ore.—In the dry crushing of ores progress has been very slow until of late, in spite of the numerous gress has been very slow until of late, in spite of the numerous efforts made in this direction. A few years ago the idea pre-vailed with all experienced millwrights that the California stamp vailed with all experienced millwrights that the California stamp battery would keep the field as the only suitable apparatus for producing fine pulp. This assumption was based upon the fact that all machines the construction of which had been based upon other principles, failed to accomplish what was claimed for them. Hence all efforts were directed to make the stamp-battery as effective and durable as possible. The increase in the weight of the stamps, the increased number of drops, changes in the shape of cams and mortars, the introduction of cast-steel shoes and size and of self-feeders, and also of improved guides, were the of cams and mortars, the introduction of cast-steel shoes and dies, and of self-feeders, and also of improved guides, were the principal results. The stamp-battery still remains the most troublesome part of the mill plant. It is true that the battery of today is far superior to that of 20 years ago, not only in efficiency and durability, but in auxiliary appointments. The dusty chamber infront of the battery, where the pulp accumulated, and which had to be entered by a labourer to load a car, has given way to elegant to be entered by a labourer to load a car, has given way to elegant careyors and elevators, which remove the pulp continuously and take it to the roasting furnaces. Dust-chambers now connect with the battery-houses into which the dust, formerly escaping from every opening and settling upon machinery, is drawn by a suction fan, to be regained, and finally mixed with the pulp before it enters the roasting furnaces. Machinery has also been perfected for the separate crushing and feeding of the salt, this being of advantage in some respects. The first decisive departure in pulverising ores dry was made by the introduction of Krom's rolls at the Bertrand Mill, Nevada, in 1882. While rolls had been generally used for pulverising ores for the purpose of concentration, it remained for Mr. Krom to construct rolls suitable for producing pulp for subsequent treatment by roasting and amalgamation or lixiviation. By providing the rolls with steel tyres, ducing pulp for subsequent treatment by roasting and amalgamation or lixiviation. By providing the rolls with steel tyres, running them at the high speed of 100 revolutions per minute, with pulleys only, and constructing them in a most substantial manner generally, he succeeded where others had failed. Leaving, for the moment, the purely economical question out of view, I will consider the physical difference which exists between pulp produced by each of the two machines. If pulp produced by rolls, or by stamps, is sifted through the same size of screen, the ore particles from the former are more uniform in size than those from the latter. The pulp from the rolls contains much less of such fine material which will pass (say) through a No. 100 wire screen, down to impalpable dut. Based upon experience in raw amalgamation, it was forwill pass (say) through a No. 100 wire screen, down to impalpable dust. Based upon experience in raw amalgamation, it was formerly assumed that the production of an impalpable powder was essential to success, even in case the ore had to be roasted before amalgamation. Hence it was the general practice to crush through a No. 80 or No. 60 screen in the older mills of Nevada. While this practice was gradually abandoned, and crushing through No. 40, and finally No. 30, screen was in most mills adopted, the subject was never fully investigated until recently. It has been found that for chloridising roasting great fineness of the ore is entirely unnecessary, and that it is actually injurious It has been found that for chloridising roasting great fineness of the ore is entirely unnecessary, and that it is actually injurious in the amalgamation of roasted silver ores. Of course, the character of the ore has always to be taken into consideration. In the lixiviation process a large percentage of fine material interferes seriously with rapid filtration, and unnecessarily lengthens the time of working a charge. From this it follows that ore pulverised by rolls is mechanically in a more favourable condition than if stamps have been used. I now turn to the question of economy. A discussion of the subject which is complete and thorough, and compares the efficiency of rolls and stamps under varying conditions, is not possible at present, because the and thorough, and compares the efficiency of rolls and stamps under varying conditions, is not possible at present, because the available statistics concerning rolls are confined to those from the Bertrand Mill, Nevada. Prior to the introduction of Krom's rolls in this mill they were used in works only erected for the concentration of ores by Krom's dry system. Sufficient evidence, however, has accumulated to prove the superiority of the rolls beyond any doubt. Their introduction at the Mount Cory Mill, Nevada, will soon being additional proof. It seems to me that Nevada, will soon bring additional proof. It seems to me that the application of rolls is most favourable in such cases in which the silver is extracted by lighting the control of the co the silver is extracted by lixiviation and the character of the ore permits comparatively coarse crushing without interfering with good roasting.

A comparison between rolls and stamps will be made from the following premises, for the correctness of which I must ask the indulgence of the reader. I assume that the crushing capacity of two sets of Krom's 26-in. rolls is equal to that of a 30-stamp lattery with stamps of 850 lbs. dropping from 7 in. to 8 in. 94 times per minute. Mr. Clark, superintendent of the Bertrand Mill, states that he can crush, with two sets of rolls, 100 tons of ore in 24 hours to such a fineness that all will pass through a A comparison between rolls and stamps will be made from the ore in 24 hours to such a fineness that all will pass through a No. 16 screen, consuming not over four cords of wood for power. The ore has a quartz gangue, and is by no means an easy crushing ore. The full required for running 30 stamps would be about 6 cords of wood in 24 hours, taking into consideration the construction of engine and boilers and quality of wood. For some

remote locality in the West the following prices are assumed:— Freight at 3 cents per lb., lumber at \$50 per 1000 ft., wood at \$6 per cord, wages of carpenters at \$4.50 per diem, and of mill-wrights at \$6. Certain items of construction will be about equal—Conveyors, elevators, revolving screens, and dust chambers. Revolving screens are also used in connection with a well-appointed battery in order to separate coarse material resulting from pointed battery in order to separate coarse material resulting from a breaking of battery screens. The building, however, for rolls will be much smaller than that for the battery, and a saving of not less than \$1500 will be effected in its construction. Finally, the rolls requiring less power, a saving of at least \$1250 will be made in providing and setting up engine and boilers in a mill with rolls. with rolls

Cost of Erecting a 30-Stamp Battery.—The plant, including hard-wood screen frames and guides, wooden pulleys on camshafts, Tulloch's feeders, and all necessary bolts, weighs 90,600 lbs., and costs in Chicago \$5840, according to a statement from Messrs. Fraser and Chalmers. The framework takes about 36,000 ft. of lumber, and the expense of setting up the battery is estimated at Hence the total cost of constructing a 30-stamp bat-

Plant at found	y									,							\$
Freight			۰		0	0	۰		۰		0	0			0	٥	2,718
Lumber					0	D	0	0			0	0	0	٥	ø	o	1,800
Cost of setting	u	p		0				*		۰							4,000

Extra cost of building \$ 1,500 Extra cost of engine and boilers 1,250

fineness of the pulp produced. A more correct method will be to take figures per running time of 24 hours. Making estimates to take figures per running time of 24 hours. Making estimates from this standpoint, it is supposed that the wear and tear in running the machinery at full capacity is a nearly constant quantity, while the capacity is variable, as stated above. The wear of rolls is principally confined to the steel tyres; that of the battery to a great number of parts. With rolls the steel tyres can be consumed to within less than \(\frac{1}{2} \) in, of their thickness, while with stamps the shoes and dies have to be exchanged after only two-thirds or loss of their weight has been worn leaving of the restrict the stamps. stamps the shoes and dies have to be exchanged after only two-thirds, or less, of their weight has been worn, leaving other parts out of consideration. Another point should not be over-looked. The complicated construction of the battery causes considerable expense in skilled labour for repairs, which in the case of rolls is merely nominal. Advocates of the battery have argued that its great advantage is the continuance of its operation if one battery of five stamps gets out of order, while both sets of rolls, or three sets, as the case may be, have to be stopped if repairs are needed for one set. But it is just the solid construction of Krom's olls which reduces stoppages from this cause to a minimum. How often it is necessary to hang up stamps for repairs is too well known to require any statistical proof. Wear and Tear of Krom's Rolls.—As to the statistics of wear

of Krom's rolls, I am confined at present to those from the Beatrand Mill. Mr. R. D. Clark states that two sets of steel tyres have been worn out in crushing, in round figures, 20,000 tons of ore. As stated previously, the full capacity of the rolls is in 24 per large the beginning, however, the ore was crushed much finer, so as to pass a No. 20 screen, and the daily capacity of the rolls was ere much less. Taking this into consideration, the actual wearing capacity of the tyres cannot be estimated at less than 250 working days. The cost of wear is as follows:—Two sets of steel tyres ing days. The cost of wear is as follows.—I wo sets of seem cost, at New York, \$764, their weight being 3264 lbs. freight at 3 cents, the total cost of these steel tyres is \$862.

\$3.45 Wages for repairs

Wear and Tear of Stamps.—I have been favoured with statistics from three of the most prominent mills in the West—the Manhattan, Nevada; the Ontario, Utah; and the Lexington, Montana. Taking into consideration the somewhat abnormal conditions of the Manhattan mill in so far as the weight of stamps there is 1000 lbs., and the number of drops per minute greater than in either of the other mills, and that the statistics from the Lexington are those from the first year's run, where certain breakages are reduced to a minimum. Finally, that freight in these localities, on account of direct railroad communications. certain breakages are reduced to a minimum. Finally, that freight in these localities, on account of direct railroad communications, is less than I have assumed in my premises, I arrive, by making such allowances, at the following figures for wear and ear of a 30-stamp battery per 24 hours running time: Cost of all parts subjected to wear and breakage,

Wear and tear of rolls

Interest and Amortisation.—In comparing the expense of running rolls and stamps interest and amortisation on the ex-

cess of capital required in the original construction of the plant for stamps cannot be neglected. Considering the short life of most silver mines in this country, this item cannot be taken at a lower rate than 15 per cent, per annum, If we take the running time of a mill at 350 days in the year, and consider that the mill with stamps will cost \$10,938 more than one with rolls, the interest and amortisation amount to \$4.68 per day.

Summary.—From the above we find the following daily saving in a mill with two sets of Krom's rolls, as compared with 30

Wear and tear and repairs \$10.55 Total \$27-23

tated above. The future will demonstrate the correctness or fallacy of this view. Even if we consider two sets of rolls equal Even if we consider two sets of rolls equal in capacity to only 20 stamps, there still remains a considerable margin in favour of rolls.

The Chloridising Roasting of the Ore.—The reverberatory furnace has universally been superseded by mechanical furnaces. Of these three types are in use:—

1.—Revolving cylinder furnaces which roast a charge.

Inclined revolving cylinder furnaces working continuously.

Shap furnaces which roast the ore as it falls through a

heated chamber.

Mr. William Brueckner is the inventor of the first type. first experimental Brueckner furnace was crected at San Francisco, Cal., in 1864. In the year 1867 it was introduced in the silver mills of Georgetown, Colo. The construction of this furnace has since then been more or less modified, the most marked change being that carried out by Mr. O. Hofmann, at the Silver King Mill, Arizona, by providing the cylinder with a fire-place at each end. The Stetefeldt furnace, the only successful representative of the third type, was introduced in 1869 at the Auburn Mill, near Reno, Nevada. It has been much improved in details of construction. Its imitations were in no instance improvements of the original, and had only a short-lived existence. The second type of furnaces, although they originate from the White furnace, an older patent than that of Stetefeldt, did not occupy a prominent place until after the Stetefeldt furnace had been largely introduced, and Mr. Howell had combined the White cylinder with the auxiliary fire-place for roasting the dust, one of the principal features of the Stetefeldt furnace. The first Howell furnace was built in 1872 at the Citizen Mill, Austin, Nevala. Later on the construction of this type without the auxiliary fire-place found again a few advocates, and new names were invented—for instance, the "Oxland." That such furnaces are decidedly inferior, because they effect a very incomplete chlorination of the dust is acknowledged by professional metallurgists. I cannot notice here the great number of inventions which either are recorded only in the Patent Office or had a mere ephemeral existence or like the O'Hurg furnace never releval on a prograble. are recorded only in the Patent Office or had a mere ephemeral existence, or, like the O'Harafurnace, never played an appreciable part in the production of silver bullion. These furnaces perform their operations more or less satisfactorily, much depending upon the skill of their management. All of them effect a great saving in the expense of roasting as compared with the reverberatory furnace. For mills of small capacity the Brucekner furnace is to be recommended. In mills of large capacity the Brucekner furnace is to be recommended. In mills of large capacity the other types work cheaper, especially as far as fuel is concerned. The Stetefeldt furnace excels on account of its durability and large capacity, and in that the power required to run it is merely nominal. It has been adopted in the best constructed and most successful mills of Nevada, Utah, and Montana. Two processes only are practised for the extraction of silver from roasted ores-namely, amalgama-

for the extraction of silver from roasted ores—namely, amalgamation and lixiviation by hyposulphite solutions.

Amalgamation.—I have already stated that the use of the pan for amalgamation of roasted ores is characteristic of American silver mills, the barrel process becoming soon obsolete. The long time necessary to complete the amalgamation, and the greater delicacy required in the manipulation of the process were the principal reasons which drove the barrel out of the field. The foundries, no doubt, had also a large share in the introduction of the process was approximated. of the pan, which was more profitable to their pockets. Regarding the construction of the pan it soon became evident that all complicated designs were of no merit, and the so-called com-bination pan was generally adopted. In the settler system comparatively little progress has been made, and it is here where most of the quicksilver is lost. The Boss system of elevating quicksilver or the bucket elevator is found in every well-appointed mill. The retorting of the amalgam is still done in the old way, mill. The retorting of the amalgam is still done in the old was a new system, introduced at the Lexington Mill, Montananamely, retorting with a current of air and suction, has not given such favourable results as were expected. In conducting the process of amalgamation itself no important change has taken place. The reduction of the silver chloride by granulated zinc, or rather zinc amalgam, although excellent in results, has found its way into a few mills only. For melting retorted bullion into bars the Lexington Mill is the first one which has successfully introduced a reverberatory furnace for that purpose. At the Manhatten Mill, Austin, Nev., reverberatory furnace melting had again been absended. again been abandoned.

(To be concluded next meek.)

The directors of the Mid-Devon Copper Mining Company (Limited) report that from the date of the last general meeting of the shareholders in February until the 27th of June, the sinking of the main shaft was continued without interruption, and a depth of 99 fms. 6 in. was reached; but on the last-mentioned date a bucket became detached from the main shaft rod and date a bucket became detached from the main shaft rod and fixed itself in the bottom of the working barrel so firmly that all attempts to raise it failed. A new lift of pumps had therefore to be put down to reach between the 80 and 90 fms.; but the extremely dry weather retards the pumping necessary to drain the shaft to the bottom. This delay will probably push the sinking into the wet season, and it has, therefore, become a prestion whether it will yet be devised by the large of the season. question whether it will not be advisable to drive a level at the depth now attained, although short of the 100 fms. by a few feet, and to intersect the lode in this situation as early as possible. The directors would prefer to carry out in its entirety their original proposal—to sink to such a depth as will enable them to cut the lode at the 100 fms., where it will probably be found much concentrated; this course, however, or indeed any further progress with the mine is out of the question. The shareholders, with gress with the mine is out of the question. The shareholders, with the exception of a few only, have not supported the directors, but have left them to take up the shares, and personally to provide the necessary capital for the sinking; this they cannot continue to do, and they have, therefore, sent to each shareholder a statement of the rateable proportion due from him, and if a proper response be not forthcoming, there will remain no option but to wind-up the company, thus involving the total loss of each shareholder's investment. Since the tormorary supposion of sinking which the company, thus involving the total loss of each share-holder's investment. Since the temporary suspension of sinking operations, the men have been working at the stope in the 50 fm, level, which, as explained in the last report, was kept in reserve for such a contingency, and they have raised, on the average, from 3 to 4 tons of good copper ore weekly, and when it is considered that this deposit is 294 ft. above the depth reached in the main shaft, it is only reasonable to suppose that the value of the lode will be proved, by the contemplated driving, to be well worth the outlay necessary to thoroughly prove the mine at that depth.
The directors are as confident as ever that the mine will be a
most productive and profitable one to those who become shareholders in any new company that may be formed, but in justice to themselves they decline to make any further advance unless they receive a fair amount of pecuniary support from the present shareholders.

We are glad to hear that the use of the compressed lime cartridge is gradually extending at our collieries. So far as we are able to judge, the system of the Compressed Lime Cartridge Company is the only substitute for the dangerous shot-firing and for that reason alone the use of compressed line will, we hope, become general. The testimony of the manager of the Strafford Collieries recently given in our columns also conclusively confirms the economy found in its use.

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Provincial Stock and Share Markets.

CORNISH MINE SHARE MARKET.—Mr. S. J. DAVEY, mine share-dealer, Redruth, writes under date August 27:—Our market has been dull this week, and Dolcoaths declined 1, East Pool \(\frac{1}{2}\), West Frances, \(\frac{1}{2}\), Wheal Basset, \(\frac{1}{2}\). Wheal Agar has declared a dividend of 7s. 6d. South Crofty advanced \(\frac{1}{2}\). To-day market is steady, with but very little doing. Following are closing prices:—Blue Hills, 1\(\frac{1}{2}\) to 1\(\frac{1}{2}\); Carn Brea, 3\(\frac{1}{2}\) to 3\(\frac{1}{2}\); Cook's Kitchen, 10 to 11; Dolcoath, 72 to 73; East Blue Hills, 1\(\frac{1}{2}\) to 2; East Pool, 4\(\frac{1}{2}\); to 46\(\frac{1}{2}\); The cook's Kitchen, \(\frac{1}{2}\) to 3\(\frac{1}{2}\); New Kitzy, \(\frac{1}{2}\) to 3\(\frac{1}{2}\); New Kitzy, \(\frac{1}{2}\) to 3\(\frac{1}{2}\); West Hasset, 2 to 2\(\frac{1}{2}\); West Frances, 7\(\frac{1}{2}\) to 3\(\frac{1}{2}\); West Basset, 2 to 2\(\frac{1}{2}\); West Frances, 7\(\frac{1}{2}\) to 3\(\frac{1}{2}\); Tevaunance, 2\(\frac{1}{2}\) to 2\(\frac{1}{2}\); Polberro, 1\(\frac{1}{2}\); to 2\(\frac{1}{2}\).

Mr. M. W. BAWDEN, Liskeard, writes under date August 27:—The mining

- Mr. M. W. BAWDEN, Liskeard, writes under date August 27: - The mining — Mr. M. W. BAWDEN, Liskeard, writes under date August 27:—The mining market presents a steady appearance, and a fair amount of business has been transacted; the enquiry has been mostly for progressive shares having dispensed with further calls now selling at exceedingly low prices. Blue Hills, East Blue Hills, Pedn-an-drea United, Prince of Wales, Phonix United, and Wheal Kitty chieffy in request, and shares firmly held. Closing quotations subjoined:—Bedford United, % to %; Blue Hills, 15% to 16s.; Carn Brea, 3% to 3%; Cook's Kitchen, 10% to 10%; Dolcoath, 11% to 72 Devon Connols, 2 to 2%; East Blue Hills, 15% to 15; East Pool, 45 to 45%; Glasgow Caradon, % to %; Gunnisiake (Clitters), ¼ to 1%; Phonix United Mines, 1% to 2; Prince of Wales, 9s. to 10a.; South Cardon, %s. to 5s.; South Condurrow, 5% to 5%; South Cordy, 5 to 5%; South Cord, 5 to 5%; South Cordy, 5 to 5%; South Cord, 5 to 5%; South Cord, 5 to 5%;

— Messrs. ABBOTT and Wickett, stock and share brokers, Redruth, write der date August 27: The market has been quiet throughout the week, the but little alteration in prices. Quotations herewith:—Blue Hills, 13% to 23; Cook's Kitchen, 10% to 10%; Dolcoath, 72% to ; East Blue Hills, 13% to 1%; East Blue Hills, 15% to 1%; East Blue Hills, 15% to 1%; East Pool, 45% to 46%; Killifreth, 12s. 6d. to , 6d.; New Kitty, % to 3%; Pednandres, 1 to 11%; South Condurrow, 6% to ; South Croity, 5 to 5%; South Frances, 9% to 10; Tincroft, 6% to 7; Trequance, 2 to 2%; West Basset, 2 to 2%; West Kitty, 7% to 7%; West Frances, to 3%; West Ston, 5% to 5%; Wheal Agar, 19 to 19%; Wheal Basset, 7 to Wheal Grenville, 1; to 11%; Wheal Kitty, % to 3%. Tin, 91%.

Wheai Grenville, 1: to 11%; Wheai Kitty, % to 3. Tin, 91%.

Mr. John Carren, mine barredealer, Camborne, writes under date August:

—Frices in the Cornish Share Market have fluctuated slightly during the
lek, but at the close the market is steady. Closing prices are as under:—Blue
lils, 25s. to 30s.; Cook's Kitchen, 93/4 to 10½; Carn Brea, 33/4 to 33/2; Dolcoath,
to 73½; East Blue Hills, 35s. to 40s.; East Pool, 45/4 to 48/4; Killifreth,
1, 6d. to 15s.; New Cook's Kitchen, 3/4 to 5/5; New Kitty, 3/4 to 3/4; Pedn-anea, 22s. 64. to 25s.; South Condurow, 63/4 to 63/4; South Crofty, 5 to 5/3;
uth Frances, 93/4 to 10; Tincroft, 63/4 to 7; Trevanance, 11/4 to 2; West
set, 2 to 2/5; West Frances, 7/4 to 8; West Kitty, 7/3 to 7/5/4; West Peevor,
to 3/4; Wheal Grenville, 10/4 to 11/4; Wheal Kitty, 3/4 to 3/2; Wheal Basset,
o 7/4; Wheal Grenville, 10/4 to 11/4; Wheal Kitty, 3/4 to 3/2; Wheal Peevor,
to 5/4.

MANCHESTER.—Messrs. JOSEPH R. and W. P. BAINES, stock and share orokers, Queen's Chambers, Market-street, write under date August 27:—There have been one or two causes at work during the week under notice to interfere with the volume of business to be recorded, firstly there was the loss of a day's business by the closed day of Saturday last, then with only Monday intervening came the commencement of the fortnightly settlement. The latter occurrence day of Saturday last, then with only Monday intervening came the commencement of the fortnightly settlement. The latter occurrence whilst in one respect having the tendency usual to the occasion, that is restricting new business, has owing to the better tone exhibited by the market spurted "bears" to close or curtail their operations in that direction, the influence acting and reacting and thus producing an active state of things by no means common to such a time as the week of the account. The altered position is reflected in the rates of continuation as compared with the recent past. The hopeful feeling which we had to record last week has gained farther strength and upon the upward wave some very distintly higher figures have been quoted and given, but in most cases, since the demand for closing as against carrying over has subsided, values have relapsed somewhat from best points. Advices from iron trade centres are taken as encouraging and as is customary the most is made of hopeful signs. Then again recent advices touching the negociations re the Zulficar Pass, have been construed as materially assisting the consummation of a peaceful solution to the Russian difficulty, though it may strike some people that the abandonment of Russian pretentions to the pass are based on a peculiar theory. In Foreign Government Loans not much movement in quotations is to be noted: Russian 1873's are 1½, Egyptian Preference %, Daira Sanieh &, and Unified ¼ higher, the last named being a trife under best points of the week. Another oscillation is marked in Argentines, the Hard Dollar Bonds being down I per cent. These and some others of smaller extent comprise the actual belance on the week after a few fluctuations here and there. Consols and india Four per Cents are both fairly advanced. Colonials firm and not much changed, but better where alteration is recorded. Home Corporation Stocks, &c., firm, but not much stock changing hands.

BANSA.—Business passing moderate values unchangedsave for very slight requestions in Consol

ISO. TELEGRAPHS, quiet, and not altered worth especially naming. TELEGRAPHS — Lancashire and Cheshire turn better. MISCELLANGOUS.—Brunna Monds, and Rochdale Canal higher, Hudson's [Bay

MISCREDA BOUS.—Brunna annus, and reduced canning further indulged in prices inve gone decidedly upward again, but the somewhat artificial demand of "bears" closing having been got out of the way best figures are in all maintained. Metropolitan Districts, speculation in which has been rife and with fluctuating values, are higher on the week, though the preference dividend isjonly at the rate of 2 per cent. per annum. Americans lower compared with a week ago, with a few exceptions. Grand Trunk of Canada issues are contradictory ist and 2nd preference showing bester, whilst 3rd preference and ordinary are slightly lower. Traffic 13402l. decrease. Mexican rails lower.

SCOTCH MINING AND INDUSTRIAL COMPANIES SHARB MARKETS.

STIRLING.—Mr. J. GRANT MACLEAN, stockbroker and ironbroker (Angust 27), writes:—During the past week the market has been more active, owing to prospects of trade improving and the more settled state of foreign politics. Should general trade improve there would, no doubt, be a considerable rise in the price of metals. This should cause a corresponding rise in the price of shares. The fortnightly settlement is now in progress, and transactions entered into are for new account, September 16.

In shares of coal, iron, and steel companies prices have generally improved, especially Bolckow. Vaughan. Ebbw Vales, and Machellas. STIRLING .- Mr. J. GRANT MACLEAN, stockbroker and ironbroker

nto are for new account, september 10.

In shares of only, from, and steel companies prices have generally improved, specially Bolcok, from, and steel companies prices have generally improved, are at 8ts. 6d.; Wigan Coal, 23 to 27.

In shares of foreign copper concerns there has not been much business doing, more prices are easier, in sympathy with the copper market. Tharsis have been did from 93s. 6d. to 96s. 3d. Bratsbergs are at 12s. 6d. to 13s. 6d., Panulcillo Us to 45s. 6d., and Bratsbergs.

this, to \$2. 61., and Russia Susiness continues quiet. Holywell District shares neve advanced on a further valuable discovery in the 110 west; the Fartridge Inde is also improving. Glasgow Caradons are better, about 4s. This company's last sale of ore compares favourably, and the sales this year, so far, have been 800 tons, realising 26344. which show an improvement of 520 tons, and 18074. Which show an improvement of 520 tons, and 18074. New West Caradon, is. 6d.; New Kitty, 5s. to 10s.; Parys, 5d.; Tregontrees, 1s. to 2s.; Weardale, 23s. 9d. to 25s. 3d.; Wheal Crebor, 19s. to 21s.; and Yeoland Cons 1s, 20s. to 22s. 6d. In shares of gold and silver mines there has not been much business doing. Montanes are at 43s. to 3s. 6d. Richmond and United Mexicans both easier. The termination of the revolution should benefit Colombian mines: Aimadas are at 2s. 6d.; Relkis, 6d. to 9d.; Caliso Bis, 5s. to 7s.; Don Pedro 2s. 6d.; Graskop, No. 3, 10s. to 12s. 6d.; Graskop, No. 3, 10s. to 12s. 6d.; Graskop, No. 3, 10s. to 12s. 6d.; Graskop, No. 3; Indian Connolidated 2s. 6d. 6s. 6d.; La Trindada, 9ds. to 76; Crita 21s. 3d. to 23s. 9d.; Tolims, 80s. to 70s.; and Victoria, 3s. 6d. to 9s. 6d.

. \$d. In shares of miscellaneous companies prices are steady. Oil companies interes firm on the improving prospects of the oil market. Home Mines Trust, is, to 15s.; Lawes Chemicals 4½ to 5; Ditto Preference, 10½ to 10½; and

Explosives about 10,
—Owing to the holidays, there will be no report next week.

EDINBURGH .- Messrs. THOMAS MILLER and Sons, stock and holmbusgar.—Ressis: I Homas Miller and Soms, stock and share brokers, Princes-street, write under date August 26:—The upward move nent in home railways has continued during the past week, and a further rise of about F to 3 per cent. has taken place. A rise of about ‡ to 1 has occurred in Canadians. Prices of Americans of about \$ to 1\$\frac{1}{2}\$ has occurred in Canadians. Prices of Americans are generally lower. Bank stocks are scarcely changed. In Insurance theres, Life Association have risen 10s.; North British and Mercantile 1s. 3d.; S.ottish Union, 6d.; Standard Life, 10s. Scottish American Investment shares have risen 1s.; Prairie Cattle shares have receded 1s. 3d.; S.van, 3s. 9d.; Cattle Ranche, 6s. 3d. Tharsis shares have gained 1s. 6d. West Lothian Oil have declined 6s. 3d. Edinburgh Tramways have receded 5s.; Assets, 1s, 3d.\$\frac{1}{2}\$

Intelligence. Law

HIGH COURT OF JUSTICE.

CHANCERY DIVISION (THE VACATION COURT) .- AUGUST 26. (Before Mr. Justice A. L. SMITH)

IN RE THE CARTAGO GOLD MINING COMPANY

These were two petitions for the winding-up of the above company, whose mines, called the Cartago, are in Venezuela. The first petition was presented by a Mr. S. Wilson, a shareholder, and the second by a Mr. Wingwood Smith, former manager of the company in Venezuela, who claimed to be a creditor. Mr. Terrell appeared for the first petitioner, Mr. Marten, Q.C., and Mr. Stanley Boulter for the second petitioner, and Mr. Rosenthall for some of the shareholders in support of the first petition. Mr. Oswald for the company, and Mr. Eve for a committee of shareholders opposed both the petitions.

Mr. MARTEN asked that the petition should stand over until the next court, that the respondents might be cross-examined. The meeting of shareholders, for which the case had been adjourned last

vednesday, was only held yesterday.

Mr. OswALD said Mr. Marten appeared in the second petition, whereas it was the first one that had been called on.

Mr. MARTEN: They must both stand over till Tuesday. Affidavits Mr. Maktren: They must both stand true the Albady.

ere only handed to me this morning.

Mr. Oswald: The affidavit simply stated the result of the meeting

held vesterday M Justice SMITH said cross-examination would not be neces

mr. TERRELL said he had only just been instructed, and his client was now making an affidavit in answer to the one the respondents had filed that morning. Would his Lordship allow the case to stand over until after the luncheon interval?

His LORDSHIP consented to that course.

Upon the case coming on again,
Mr. TERRELL stated that he had had an opportunity of seeing his friend's affidavit, and it appeared that the result of the meeting was that the company, which was admittedly insolvent, proposed to raise 20,000% by debentures. If the company could raise the amount, and then proceed with the working of the mines, it might be beneficial to his clients as shareholders. On the other hand, it was clear the company could not be carried on without the 20,000*l*., so that if the company could not be carried on without the 20,000t., so that it his learned friend would consen the would ask that the petition stand over for a reasonable time to give them the opportunity of trying to

Mr. Justice SMITH: Your only liability in the future is 21. 10s. Mr. TERRELL: But we want to get our money back. There are three shareholders to this petition, holding 50 1% shares.
Mr. Justice Smith; What are the grounds of your petition?

Mr. Justice Smith; What are the grounds of your petition?
Mr. TERRELL: That the mines are worthless, that the company was started upon a fraudulent basis, that the prospectus contained misrepresentations, and that the company is insolvent. If his friend would consent he asked, before proceeding, for the petition to stand over to see if the 20,000% could be raised.

Mr. OSWALD could not consent.
Mr. TERRELL went on to state that the names of the three shareholders on the petition were Messrs. Wilson, Percy, and Pemberton, all of the City of London. The petition stated that the object of the company was the purchase and working of the Cartago Gold The company was constructed in 1884, conceived in fraud. and carried out by fraudulent misrepresentations. The prospectus stated that the vendor was to take all the purchase money in shares, whereas, as a matter of fact, 4 per cent in cash had been paid not only on all the subscribed capital but even upon the vendor's shares. That the Cartago Mines were situated in Venezuela, in South America, and the property extended over an area of 90 acres, which was not so. The name of a Mr. Liccioni was also used in the pro spectus improperly, being without his authority, and it was agreed with that gentleman in consequence that a property of his, named the El Tigre, should be bought by the company on condition that he overlooked the matter, which condition had been suppressed in the agreement with the company. The manager of the company, Mr. Warner, had filed an affidavit in which he denied the allegations in the petition. He said Mr. Liccioni had agreed to accept a sent at the board before the issue of the prospectus, and that the El Tigre property was purchased upon the recommendation of that gentle-man, who had no interest in it beyond being a shareholder, and man, who had no interest in it beyond being a shareholder, and approved by a meeting of shareholders. That the 12,000L cash was paid in accordance with the powers given to the directors under the Articles of Association. And that the company had been actively engaged in steps for the development of the property.

Mr. Justice SMITH: I cannot see how the prospectus affects the winding-up order unless the company is a bogus company from beginning to end.

ginning to end.

Mr. TERRELL: If the company is conceived and carried out in fraud it cannot be expected to succeed in doing any business. Then a Mr. Joseph Nelson, one of the shareholders, had issued a circular, a Mr. Joseph Nelson, one of the shareholders, had issued a circular, and in the notice convening the meeting which was held yesterday the directors stated that since its issue the shareholders had unfortunately refused to pay calls, and the result had been that the credit of the company had received a strain from which it would be difficult to recover, even should the outstanding calls be got in. Well, then, at the meeting, the company being admittedly insolvent it was determined, if possible, to raise 20,000% to enable the company to be carried on.

Mr. Justice Smith: How do you make it out? There is 7000%. to be paid up.

Mt. TERRELL: They have less than 6000% to call up, which is not

Mr. Justice Smith: Supposing they can go into the market to norrow and borrow 500l. they are not then "commercially insolvent." Mr. TERRELL: The question is whether they can pay their present iabilities, that is enough for my purpose.

Mr. Oswald: Insolvency is not even alleged in the petition.
Mr. Justice Smith: That is quite true. Supposing I were of opinion that they were within measurable distance of gold, do you then say I should make an order for winding-up?——Mr TERRELL: I am told that the engineer in Venezuela has sent a tele TERRELL: I am told that the engineer in Venezuela has sent a tele-gram saying he must have 12,000 to go on with, and, therefore, it is clear why they must have 20,000 this also clear that the di-rectors have little faith in being able to raise it as they proposed to offer 10 per cent. interest. It is stated in the evidence that the com-pany has not paid its dues to the Venezuela Government, and if they are not paid forthwith the property will be lost, so it is necessary for a receiver to be at once appointed: 56,000l. has been spent for which the shareholders have got nothing.

Mr. Justice Smith: I am of opinion that it would be the most

suicidal thing in the world to wind-up this company: 55,000% have been spent in boring for gold. Am I to wind-up the whole concern for 2%, 10s.?——Mr. TERRELL suggested the proper course would be

to let the petition stand over (say) for six months. Mr. Justice Smith: Who will put their money in the venture with this petition hanging over the company?——Mr. Terrell: The petition would not affect the security. He submitted the company being commercially insolvent; he was entitled to the winding-up

Mr. Oswald, for the company, contended that no order should be and. Oswald, for the company, contended that no order should be made. With regard to the first point, the "substratum" point to succeed on that, it had to be shown that everything had vanished in thin air. Here it was perfectly absurd, for the company had a valuable property where gold might be reached within 24 hours. Of course gold, like other valuable things, had to be worked for; it did not come by the mere beckoning. As to the second point, as to the prospectus being fraudulent, he would not deal with that, for as a plea for winding up a company it was to ridiusly. plea for winding-up a company it was too ridiculous. Lastly, with regard to the third point, as to the company's being insoivent, his learned friend's very argument had swept away the only right he would have to ask for a winding-up order, as a fully paid-up shareholder must show that there would be a surplus of assets from which

he could benefit. With regard to the petition standing over, his he could be sent. With regard to the periods standing over, he could be sented with a good of holding them in terrorem over the company, and were very in rious because they affected its credit, and prevented them trom raising money. He therefore asked that the petition should be dismissed with costs.

His LORDSHIP intimated that he would hear the second petition

before giving judgment on the first.

Mr. MARTEN stated that the petitioner (Mr. Winwood Smith) Mr. Marten stated that the petitioner (air. willwood Smith) was formerly the manager for the company in Venezuela, and was a creditor for the amount of 1022. 14s., of which 548. was due to him for salary, and the rest for money paid for the company. The petition was presented on the 10th August last, and there had been a state of the company on the 14th July of this company of the 14th July of was presented on the 10th August last, and there and been a stan-tory notice given to the company on the 14th July of this year which had not been attended to. He asked for a winding-up order agos the grounds that he was a creditor, there had been a statutory order which had not been complied with, and also that the company was

solvent. That under the Act was sufficient.

Mr. OswAld said Mr. Smith appeared on Mr. Wilson's petition, nich was presented on the 9th of June.

Mr. Justice SMITH: He was not in this country then.
Mr. OSWALD: Mr. Smith supported it, and he, therefore, submitted that he could not present another petition until the former was disposed of, and as his Lordship knew it had not been disposed of even yet. Next he contended that the demand was a bad ose for this reason. He alleged that he was a creditor for 10221.14s, and demanded 7361.13s. 4d. Moreover the figures had been added up wrong, and ought really to be 7351.13s. 4d. Therefore the demand was bad under Section 80, which required that the actual sum das should be shown upon the demand, and it was not enough to sayis was a less sum demanded than that really due, because it was con-Mr. Justice SMITH: He was not in this country then should be shown upon the demand, and it was not enough to sayir was a less sum demanded than that really due, because it was confusing. Then Mr. Smith was the manager of the company at Veazuela, and he now said that 1022l. 14s. was due to him. But henergave any particulars of that amount until after the demand was made, which was on the 14th of July. On the 25th July the company's solicitors gave him notice that the debt was disputed, and asked for particulars, which they got on the 31st July in an affidant made in support of Wilson's petition, and on the 10th August he presented the present petition. The company did not dispute has something might be owing to him for salary, but they said that the balance of account was on their side.

Mr. Justice SMITH: Did you get any letter from Venezuela ster.

balance of account was on their side.

Mr. Justice SMITH: Did you get any letter from Venezuela show.

ing that Mr. Smith owed the money about the 25th of July?

Mr. Oswald handed a letter up.

Mr. Justice SMITH: Yes; here it is—"stop payment of Mr. Win-

wood Smith: he has drawn upon you for 60001, and his accounts are not to be relied on." I can relieve you from that point, Mr. Oswald, and I am of opinion that there is a bena fide dispute as to account between the parties.

account between the parties.

Mr. MARTEN, in reply, urged that it was not required by the Act that the exact amount of the debt should be stated on the demad. He suggested that the respondents should bring the money into court, and then his client would bring an action, and so discuss the matter, otherwise he was, he submitted, clearly entitled to the wind-

ng-up order upon the grounds stated. Mr. Justice Smith, in delivering judgment, said: There were two petitions to wind up the company—one presented by Mr. S. Wilson, and the other by Mr. Wingwood Smith. Both petitions had been fully argued before him, and he would deal with the last first. In that the petitioner was a creditor, and he asked for a winding-order, on the ground that the company were unable to pay his de-under section 79 of the Companies Act of 1862. Because he as that having, under section 80 of that Act, given a statutory demand for the money due to him, and after such demand the company so having paid him the amount demanded within three weeks, the time allowed by the Act, he had the right to wind up the company. It seemed to him, however, that the section required the amount of the demand to be a sum exceeding 50l. and the amount stated on the demand to be the actual amount due, neither more nor less. That had not been done in this case. But it was quite clear to his mind upon reading the correspondence which had pessed afterwards, that even if this 7361. 13s. 4d. was ever properly demanded of the company it was disputed by them. When it appeared that the detailed account came into the hands of the company on the 31st July he, the learned Judge, requested Mr. Oswald to say what the company had done with record to it. done with regard to it, and he satisfied him as to why the answered it then, namely, because of the peculiar position the petitioner had taken up with regard to the petition then pending and he was thus aiding and abetting the petitioner Wilson. This was not a case upon which he could wind up the company on the petition of Mr. Smith, for the company had satisfied him that they bona fide disputed the debt, and what was more, they said that the petitioner had received large sums of money, and that when the accounts were adjusted the balance would be on their side. He therefore dismissed the petition. Now he came to the first petition of Mr. S. Wilson. He had been present every considerably with the feet Mr. S. Wilson. He had been pressed very considerably with the fact that the company was in an insolvent position. But that was not the groundwork of the petition, because it alleged only two grounds, vis. groundwork of the petition, because it alleged only two grounds, na, that there was no gold under the surface of the property, and frad in the prospectus. Well everyone knew that as regards mining preperty a large sum of money must be invariably laid out before any thing could be got from the property. In this case the company went to allotment in February, 1884, and they had spent a vast sum of money upon the property, which was in Venezuela, amounting to no less than 56,000l. It was not denied that large works had been carried out, or that every effort had been made to get the gold. Ye no less than 50,000. It was not defiled that large works had been carried out, or that every effort had been made to get the gold. It just when the 56,000l. had been spent, three paid-up shareholders, with 50 Il. shares, one with a liability of 50s., came and asked the Court to wind up the concern and bring it to everlasting grief, because they could not see that one single penny would ever come back to them, when the only chance of the thing succeeding at all was to let it go on and not to stop it. He did not feel himself justified in winding up the company on this patition for he was by no meast in winding up the company on this petition, for he was by no means certain that the affair would not work out successfully, and it seemed to him that what his Brother Kay had done was just the equity which ought to be done in this case. He thought it was for the shareholder and not the Court to decide what was right to be done in this enter-prise, and the meeting which was held yesterday (and had not in any way been impeached) decided by a large majority of shares that it should go on. In these circumstances it seemed to him that he should be doing a cruel and wicked wrong to those shareholders if he decided the company should be wound up now, and he, therefore, dismissed both petitions with costs.

Mr. TERRELL asked for a stay of execution to allow of an apptal, but Mr. Justice SMITH would not grant any stay for that purpose.

Ox Monday morning the workmen employed at the Tindale Emily Colliery, belonging to Sir Joseph Whitwell Pease, M.P., recei 14 days notice to terminate engagements. There are between and 400 men employed at the colliery, and depression of trade and 400 men employed at the colliery, and depression of traus-stated to be the cause of the stoppage. Notice was also given of Saturday by the manager Mr. Alfred Palmer, to the hands, over 80 in number, employed at Wardley Colliery, near Hebburn, to closs the colliery, depression of trade being also the cause of that step in this case. The news of the stoppage of the two collieries has caused a strong sensation, and led up to a number of rumours of other sup-ceptions in the Durkage coal field. pensions in the Durham coal field.

THE employees of the Naval Steam Coal Collieries at Penygraig THE employees of the Naval Steam Coal Collieries at rengales have now been on strike five weeks, and there is still no sign of a immediate settlement. The men and the officials objected to were all paid off on Saturday evening. Collections were made at seven of the collieries in the surrounding district for the purpose of supporting the men: but in consequence of the great depression of trade which has prevailed generally throughout the valley for many months. the subscriptions were inadequate to relieve their sufferings. This have assumed a deplorable aspect in the neighbourhood, and the consequence will undoubtedly be serious to several of the tradement. of the locality unless this unpleasant dispute be speedily brought) was

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THE GOLD AND DIAMOND FIELDS OF SOUTH AFRICA-No. XVII.

BY THOMAS COLLINGWOOD KITTO, M.E.

[ALL RIGHTS RESERVED.]

The Dutoitspan and Bultfontein Mines join one another; they are situated from the celebrated Kimberley Mine about 3 miles, in a south-easterly direction. The country generally is very flat, but about midway between the Kimberley and Dutoitspan Mines there is a small hill, from which a person can get a beautiful view of the country for many miles in almost every direction. Extensive plains as far as the eye can reach, covered with a fair depth of red sandy soil, a few gentle undulations of the surface, with here and there a few conically-shaped hills, composed principally of red sandy soil, a few gentle undulations of the surface, with here and there a few conically-shaped hills, composed principally of basalt, form the general characteristics of the country. For the greater portion of the year the country is dry and parched; but in a few days after a shower of rain the country becomes corred with verdure, and presents a freshness which is very enjoyable. On the whole the climate of the diamond fields is very healthy, and for persons suffering from pulmonary complaints it is a sanitorium. If it were not one of the healthiest climates in the world the matchless confusion with which everything was jumbled together at Dutoitspan and Bultfontein Mines, and the utter absence of any sanitary measures—when I was therewould render it almost, if not quite, as bad as the "Black Hole of Calcutta." The diamond deposit in the Dutoitspan Mine is would render it almost, it not quite, as bad as the "Black Hole of Calcutta." The diamond deposit in the Dutoitspan Mine is somewhat in the shape of a kidney, its greatest length, like that of the Kimberley Mine, is from east to west, about 1890 ft.; its breadth from north to south being about 750 ft., so that the area breakin from the property of the following the following the following the following following from the following f simply to give your readers a better idea of their magnireins simply to give your reacters a better that of their magnitude compared to mines generally. At the time of my inspection a comparatively small portion of this immense mine was heing worked, and the greatest depth reached was only about \$6) ft., the average depth of the whole workings being about 35 ft. A large number of the claims in the Dutoitspan formation was A large number of the from 40 to 50 ft. with enormous masses of preciated and other intrusive rocks, which evidently fell into the diamondiferous mud when it was in a semi-liquid state, hence it has always been called by the diggers "floating roof."

has always been called by the diggers "floating roof."

I found some private gentlemen working their claims with praiseworthy energy, and spending large sums of money in removing the floating reef, nearly the whole of which had to be blasted; but a great many appeared to be making a pretence of working, merely for the purpose of disguising their real business the Illicit Diamond Buyer's trade. The Dutoitspan Mine has always been notorious for the very large diamonds found in it, although the quality of the diamonds generally is inferior to the other mines. The quality of the diamond soil varies in different extent of the formation, but the average value of the diamond soil parts of the formation, but the average value of the diamond soil throughout the formation is only about 1-15th of that of the Kimberley Mine; however, the mine covers a very large area, and if diamonds maintain anything like a fair price, it ought to be worked at a profit for a very long time. At the time of my visit the diggers were not allowed a sufficient area outside their claims for the purpose of depositing their diamond soil for disintegrating riposes, for erecting the necessary machinery, and for securing the sides of the mine in a proper manner. This I always pointed

the sides of the mine in a proper manner. This I always pointed out as a short-sighted policy on the part of the authorities, as it tended to stifle the industry in infancy.

The modes of working were various. Some of the best machinery on the diamond fields and conducted on the best principle was to be found at the Dutoitspan Mine; while some of the so-called machinery was amongst the most antiquated that I have seen a Lindburg a great many individuals near the margin. called machinery was amongst the most antiquated that I have ever seen. I noticed a great many individuals near the margin of the mine on the top of debris heaps, with a diamond-washing machine(*) about the size of a good butter-churn, the crank of which was turned by four or five blacks, while six or seven blacks were carrying water in iron buckets from a pool not far away for the purpose of washing the diamond soil, and several others were seen to be tending the machine. While those gentlemen who owned the first-class machinery were pulling diamond soil out of the mine at the rate of 70 tons per hour, the gentlemen with the antiquated machines were drawing the diamond soil from the bottom of the mine to the top in bullock carts containing about 10 or 12 cwts. to the load, which was drawn by half as non-trie octors of 12 cwts. to the load, which was drawn by half a dozen bullocks, with nearly as many drivers and assistants. It was not an easy matter to get the load to the top, for I have often seen the bullocks stuck in the middle of the hill, each trying to go in a different direction, or looking as if they were tied in a knot. I could not help remarking that if those indivi-duals with their butter-churn machines, and knotted-up bullock teams, and numerous water carriers could make the thing pay, surely those gentlemen who, with their well-appointed machinery surely those gentlemen who, with their well-appointed machinery were pulling out and washing 1000 loads per day could realise a large fortune in a very short time; but I was informed that the contrary was the case, and that those who made a pretence of working soon retired with large quantities of diamonds. It is not easy to account for all the modes of getting diamonds; but I discovered that most of those who made a pretence of working, always offered premiums to their blacks for all the diamonds they produced, the result being that whether they washed a large quantity of diamonds soil, or a small quantity, they always had plenty of diamonds, which their blacks had stolen from other people of course. The water which drained into the Dutoitspan Mine was about 180,000 gallons per day, and judging from the people of course. The water which drained into the Dutoitspan Mine was about 180,000 gallons per day, and judging from the natural position of the mine I should expect it to be much wetter than the Kimberley Mine at a corresponding depth.

The Bultfontein Mine as I before remarked joins the Dutoit

span Mine. Its greatest length is 1140 ft., and its greatest breadth is 1080 ft. There were great complaints amongst the claimholders of this mine, in consequence of the manner in which they were treated by a powerful English company who laid claim to the whole property. I was requested by the Government to call particular attention to this matter in my report, and to contrast the medical decline with the discovery with the Detectors. intrast the mode of dealing with the diggers on the Dutoitspan ad Bultfontein diamond mines with that which appertains to digging communities in other parts of the world. I carried out my instructions to the letter, and, like everybody else who performs a disagreeable task faithfully, I caused great offence to sveral gold-laden asses whose wealth had evidently not changed their pedigree. It is unnecessary here to refer to the harsh manner is which the strength of the is which the pioneer diggers were treated, as it might create unnecessary heartburns. But I do say that if it was not for the shortighted policy inaugurated and persisted in by the above powermpany, their dividends, large as they are, would have been

per cent. more than is being paid at the present time.
While inspecting the Bultfontein Mine I noticed that the
overnment Surveyor employed the black convicts to remove be debris, which for want of proper space the early diggers were compelled to deposit on the margin of the mine; those blacks under proper discipline, clean food, and temperate habits, had much improved, and were splendid fellows; while the nominally free blacks had be seen to black and diamond. acts had become proficient only in the art of lying and diamond saling, and were lean, haggard, trembling debauchees. For assuing, and were lean, haggard, trembling debauences. For referring to this matter in my report, the Press said I was advocating slavery; but they could not deny that the comparison I drew between the black convicts and the nominally free blacks was correct. I abhor slavery as did the immortal Wilberforce,

but I defy anyone to disprove the fact that the slaves of Brazil are infinitely superior, morally, physically, and intellectually, to the nominally free "woolly-headed" unbelievers of South Africa. The diamonds in the Bultiontein formation have their peculiar characteristics the same as Dutoitspan, and are noted for their uniform medium size and good colour; but, unfortunately, they are notorious also for being spotted. The diamond soil varies in quality in different parts of the formation, but the average value is about twice that of Dutoitspan.

"Do you know who that blooming fellow is, who has been going but I defy anyone to disprove the fact that the slaves of Brazil

is about twice that of Dutoitspan.

"Do you know who that blooming fellow is, who has been going about the mines with Mr. Young during the last few days?" said one of a swell mob as I was entering the Dutoitspan Club for a whiskey-and-soda. "That is that fellow Kitto, who reported on the Kimberley Mine, and is here making preparations to give us a similar dose," said another, whom I took to be a German. "I should like to put a bullet through him," said a wizened-looking individual, the longitudinal bearing of whose nose was out of all proportion to his face. "He looks as if he was able to take care of himself," said two or three, as I was passing out of the club.

FOREIGN MINING AND METALLURGY.

No appreciable change can be reported in the French Iron Trade. Quotations have remained weak, but there appears at the same time to be little apprehension that they will go still lower. The French trade journals report that an order for 10,000 steel tyres for trucks has been given to the Ougrée Steelworks (Belgium) by the Eastern of France Railway Company, and the same journals express considerable indignation that this should have been done. However this may be, the order in ques-tion appears to have been actually given to the Ougrée Works, although the contract was keenly competed for, and the Creusot atthough the contract was keenly competed for, and the Creasot Works press the Ougrée Company very hard in the matter of price. The success of the Ougrée Works in securing the order is rendered all the more remarkable by the fact that the tyres will have to pay an import duty of 2t. 8s. per ton on entering France. The German iron markets have presented no striking feature, but upon the whole prices have remained weak. A meeting of firms owning ironstone mines has just been held at Siegen; the meeting was attended by representatives of 27 firms, who last year produced among them 700,000 tons of ironstone, and they resolved that production should be reduced to the extent of 10 per An attempt made to form a syndicate of ironmasters for the West of Germany does not appear to have been very suc-cessful at present, and it is considered doubtful whether the

cessaria at present, and it is considered doubtful whether the syndicate will ever come into existence.

The Belgian Iron Trade still remains in a feeble, depressed state. This remark applies both to pig and iron, and it may also be added that it extends to steel, since a reduction of 1s.8d. also be added that it extends to steel, since a reduction of 1s. 8d. per ton was made in connection with recent tenders for steel required for the Belgian Vicinal Railways. The Vicinal Railway Company has recently let contracts for 20 locomotives, 10 with a gauge of 3 ft. 6½ in., and 10 with a gauge of 3 ft. 4 in. The first lot of 10 engines was divided among the Haine St. Pierre Works, Messrs. Zimmerman, Hanrez, and Co., and Messrs. Carels Brothers, whose tenders ranged from 873t. to 874t. per engine. The second lot was secured in its entirety by Messrs. Lambert and Co., of Marcinelle, at 860t. per engine. The Franco-Belgian Company and the Couellet Company tendered upon slightly higher terms. It is stated, however, that the Vicinal Railways Company hesitates after all to approve Messrs. Lambert's tender, as the firm in question has not hitherto manufactured locomotives, and has no tools suitable for such a manufactured locomotives, and has no tools suitable for such a manufactured locomotives, and has no tools suitable for such a manufactured locomotives, and has no tools suitable for such a manufactured locomotives. factured locomotives, and has no tools suitable for such a manufacture. If this should really prove to be the case, it is possible that the contract will be relet. The Dudelange Blast-furnaces that the contract will be relet. The Dudelange Blast-furnaces Company (Grand Duchy of Luxembourg) is about to hold a meeting to consider a proposal for the issue of 4000 new shares of 20%, each. The North-East Swiss Railway Company is about to let a contract for 2600 tons of steel sleepers. Belgian and German firms will probably compete for this order. The use of metallic sleepers would appear to be extending on the Continent

tinent.

The condition of the Belgian coal trade has not experienced The condition of the Belgian coal trade has not experienced any material change during the last few days. The demand has, however, fallen off, and prices must be regarded as rather nominal than real. A change for the better is at the same time anticipated shortly, as the requirements of consumers generally increase with the approach of the autumn. Coking coal and coke continue to show a good deal of depression. The number of trucks carrying coal and coke which passed over the Belgian State Railways in the week ending August 16 this year was 13,166, as compared with 12,886 in the corresponding seven days of 1884. The German coal markets have remained in much the of 1884. The German coal markets have remained in much the same state. While attempts are being made to reduce production same state. While attempts are being made to reduce production in some districts of Germany the output would appear to be increasing in other localities. Upper Silesia produced for example 618,000 tons of coal in July, 1885, as compared with 597,000 tons in July, 1884. In the Sarrebruck basin the production in July was 502,857 tons, or 6808 tons less than the corresponding extraction in July, 1884. The deliveries from the Sarrebruck basin in July were 484,888 tons, or 19,009 tons less than in July, 1884. Of were 484,888 tons, or 19,039 tons less than in July, 1884. Of the coal produced in the Sarrebruck basin in 1883 as much as 294 per cent. was absorbed by metallurgical industry. Of 759,686 tons of coal imported into Switzerland in 1884, Germany supplied 606,325 tons, while the combined deliveries of Austria, France, and England declined to 96,153 tons. Of the 606,325 tons of coal imported into Switzerland from Germany last year 442,169 tons came from the basin of the Sarre.

STEAM-COILER INSPECTION AND INSURANCE.

At the annual meeting of the Midland Steam-Boiler and Inspection Company, held in Wolverhampton on Wednesday, under the presidency of Mr. Charles Cochrane, Mr. E. B. Marten, C.E., chief engineer to the company, presented a report which contains matter of exceptional interest. After stating that the number of boilers now under the company is 2917, of which 1069 are inspected and 1848 asyred, Mr. Marten says that the boilers were used for the 1848 assured. Mr. Marten says that the boilers were used for the following purposes:—1267 in collieries or mines, 935 in ironworks, and 725 in mills or works of various kinds. The boilers excernally fired were 2173, and internally fired 744. The boilers under inspection without assurance have worked without any explosion or serious mishap. There have been 11 claims for injury to assured boilers, but none of them sufficiently serious to be included in the "Records of Explosions

The report then states that the comparative merits of iron and steel for boiler construction have formed the subject of considerable discussion during the year, with the result that as the making and working of steel-plates becomes better understood there will be more certainty and fewer disappointments. Steel, Mr. Marten believes, will eventually be used with confidence and advantage. The serious explosions of several plain cylinder boilers at once rais again the question of their safety, but careful comparison with all the other examples known showed that the exploded boilers worked at the time at a higher pressure, and were doing more work than usual. There was no reason, however, to condemn the plain cylinder boiler as ordinarily worked in the colliery districts. In such districts it has enabled much poor slack to be used as fuel which would otherwise have been thrown away, and caused individual, and even national, loss. During the present year reports have been obtained of 19 explosions, which have killed 17 and injured 28, but details are reserved until the end of the year. In one case the coroner's jury brought in a charge of manslaughter, but it was not allowed for trial by the Grand Jury at the Assizes.

THE IRON AND COAL TRADES OF SOUTH YORKSHIR

MINERS' AND IRONWORKERS' WAGES.

The general condition of the iron trade of South Yorkshire has undergone but little change of late. The district rate of iron has not increased. In the manufactured iron trade no signs of improvement are noticeable, and with very few exceptions the output at the various works is still considerably below their capabilities, many of the mills doing next to nothing. Selling prices rule low, and for the district quotations range as under:—Angles, ordinary, range from 6l. to 6l. 15s.; best, 7l. to 7l. 5s.; Tees, ordinary, fal. 5s.; best, 7l. to 7l. 10s.; best best, 8l. to 8l. 10s.; and best best best, 9l. 10s. to 10l.; bars, ordinary, 5l. 2s. 6d. to 5l. 15s.; best, 5l. 12s. 6d. to 6l. 5s.; best, best, 6l. 12s. 6d. to 7l. 5s.; and best best best, 8l. 2s. 6d. to 8l. 15s. Horse shoe, ordinary and other qualities, run at the same price as bars. Rivet iron, \(\frac{1}{2}\) inch and upwards, 5l. 12s. 6d. to 6l. 5s.; best, best, 9l. 2s. 6d. to 7l. 5s. best best, 7l. 12s. 6d. to 8l. 5s.; and best best best, 9l. 2s. 6d. to 9l. 15s. Hoops, ordinary qualities, 5l. 12s. 6d. to 5l. 15s.; best, up to 6l. 5s., and best best, put 7l. 7s. Coopers' hoops, up to 6l. and best ditto, up to 6l. 10s. Plates, bridge and girder, 6l. 10s. to 7l. 10s.; boiler plates, 7l. to 7l. 10s.; best best, 8l. to 8l. 10s.; and best best best 10l. to 11l. 10s. At the foundries generally trade is quiet, though in specialities one or two of the leading firms are doing a tolerable business. Makers of railway material seem to be as quiet as ever, and as regards engineers, machinists, and others, there is no new feature to notice. The Bessemer Works, however, are kept steadily employed. ment are noticeable, and with very few exceptions the output at the

An incident of interest is the production of chilled rolls in the district. At one time Staffordshire had the monopoly of this class of work, but several Sheffield firms are now running that district very close, both for the home and export trade. An order for four chilled rolls for a Middlesborough firm has been placed in Sheffield. Two of the rolls are completed, and they are stated to be the largest ever turned out in this district the dimensions heing 36 in in ever turned out in this district, the dimensions being 36 in. in diameter, by 9 ft. long in barrel. The weight, when turned, of each

roll is nearly 17 tons.

Some of the collieries are now doing a trifle more business in Some of the collieries are now doing a trifle more business in house coal, but the improvement seems principally confined to the London trade, the tonnage sent to the Eastern Counties keeping about the same. Prices have not moved, Silkstones ranging from 6s. upwards, and best house, from the Thick seam, from 6s. upwards at the pit. The steam coal trade keeps fairly steady, though in numerous instances the pits are but partially employed. For best steam, 6s. per ton is generally obtained at the pits, but several of the principal contracts are running at slightly less prices. Slacks are dull of sale. The coke trade maintains a steady character.

A recent letter, emanating from the committee of the Yorkshire Miners' Association, appears to indicate a desire to re-open the wages question. The men are advised to organise themselves, with a view

obtaining an advance, which practically means an invitation to agitate for the return of the 10 per cent. conceded in summer, to get which so very many men remained on strike several months in the early part of this year, in consequence of which in one instance—at Denaby Main Colliery—over 100 men still remain unemployed, and they and their families are suffering the direst distress, relieved recessionally, by contributions from a symmethetic public and the occasionally by contributions from a sympathetic public and the Union. There is no doubt that with the advent of cold weather in October, or a little later, an increase will take place in the price of coals, particularly for the London market; but it is not considered coals, particularly for the London market; but it is not considered probable that the miners, with their former sad experience of limited employment (largely due to the strike) will be favourably disposed to enter into another dispute with their employers, as they could scarcely expect the same amount of consideration to be again extended to them were they again to leave their masters in the lurch. Then, too, the condition of trade has not improved to such an extent as to allow any alteration at present, and it would certainly be extremely unwise to recover years describes for this kind. tainly be extremely unwise to re-open vexed questions of this kind which have already caused so much suffering and substantial loss, and the effects of which have not been recovered from even yet. It is to be hoped that the officials of the Yorkshire Miners' Association will think again before they bring themselves to advise so rash a

step.
The question of an advance in the rate of miners' wages throughout The question of an advance in the rate of miners wages throughout the United Kingdom is shortly to be discussed at a general conference, and if the programme arranged is carried out, a general strike throughout the district seems probable. At the Conference held in Manchester last month, a committee was appointed to make enquiries into the general state of the coal trade, and to call another conference at the conclusion of their labours. This committee met a few days ago, and after completing their investigations they are Mandey last, issued a programme in which they invited they, on Monday last, issued a programme, in which they invited delegates from all parts of the country to meet and consider the advisability of asking for an advance of 15 per cent. on the present rate of wages, and the best means of obtaining the same. They rate of wages, and the best means of obtaining the same. They suggested a thorough organisation and unity with regard to the objects of the Conference, the laying of the whole mining community idle until the surplus stock of coal is consumed, and afterwards a continued limitation of the output, by working short hours or fewer days per week. In order to make the effort more effective, they advise the arranging of meetings in isolated districts in counties which are not represented at the Conference. They request every district to send delegates, with power to state clearly and distinctly what the men can and will both adopt and carry into effect.

fect. Mr. T. Burt, M.P., Mr. W. S. Allen, M.P., Mr. W. Woodall, and Mr. T. Burt, M.F., Mr. W. S. Allen, M.F., Mr. W. Woodall, and Mr. Joseph Arch were among the speakers at a gigantic demonstration of miners at Burslem, Staffordshire, on Monday, held in connection with the Lancashire, Cheshire, and Staffordshire Federation of Miners. Resolutions were passed enthusiastically advocating increased unity among miners, as the only remedy for the continual and unjustifiable reductions in wages, which had now reached nothing short of starvation point.

Sad indeed is it to contemplate the result of these continued.

Sad, indeed, is it to contemplate the result of these continued agitations. It was but a few months since the men were shown that all they asked could not be conceded; but the masters met them half way, and matters were amicably settled, only to be stirred up again and again in this way. Certainly men should be paid; but if the masters, as they allege, cannot in the present condition of trade, pay themselves anything if they pay the men all they ask,

of trade, pay themselves anything it they pay the men all they ask, what must be the ultimate result of these continual agitations?

A similar agitation for an increase of wages is going on among the ironworkers of the South Yorkshire and North of England districts, and on Monday, at Darlington, a meeting of the Board of Conciliation and Arbitration in the North of Rugland Iron Trade was held for the purpose of dealing with this question. Lately an attempt has been made to revive the sliding-scale, and thus comply with the strongly-urged suggestion of Dr. Watson, of Newcastle, who on three occasions has acted as arbitrator. As, however, the employers were only able to offer a sliding-scale basis of 1s. 6d. above shillings for pounds (long weight), and refused to make the present wages of 6s, 6d. and 7s., short and long respectively, the minimum, the attempt came to nothing, the operatives adhering to a demand for a scale-basis of 1s. 9d. above shillings for pounds, and the existing wages as a minimum. On August 13th the employers gave for a scale-basis of 1s. 9d. above shillings for pounds, and the existing wages as a minimum. On August 13th, the employers gave notice that they claimed a reduction of 9d, per ton on puddling, and 7½ per cent. on all other forge and mill wages, to take effect not later than September 12 next, and it is this demand which the Board met at Darlington to consider. After prolonged discussion between the employers and operatives' representatives present, it was decided to refer the matter to arbitration. The names of Mr. D. Dale, Sir J. W. Pease, Bart., M.P., and Sir Isaac Lowthian Bell, Bart., were proposed by the employers, but objected to on the ground that they were connected with the North of England iron trade, and the operatives' representatives proposed Mr. Shaw-Lefevre, M.P., Mr. John Morley, M.P., and Dr. Spence Watson, the latter being ultimately selected to be asked to undertake the duty of arbitrators.

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ANNUAL REPORT OF THE NEW SOUTH WALES MINING DEPARTMENT

Mr. Harrie Wood, Under-Secretary for Mines, has submitted the report upon the progress of mining and the results of the mining industry for the year 1884, to the Hon. J. P. Abbott, Secretary of Mines. The following precis of the report will be found to contain all the leading features of the report itself, and affords a good criterion by leading features of the report itself, and affords a good criterion by which to judge of the progress and present position of the mining industry. The report opens by glancing at the legislation of the year in the interests of mining. It points out that during the year two Acts have been passed to further amend the Mining Act of 1874, the objects of the first of these Acts being to give power to the Governor to grant leases of reserved Crown lands, to remove doubts as to the power under the "Crown Lands Alienation Act of 1861," to make reserves for mining purposes, also to provide for the amalgamation of gold mining leases, and the granting of special leases for gold mining. This Act is likely to benefit the mining interest in regard to mining under reserves by substituting a secure title for the very unsatisfactory title conferred by "permit" or "authority" under section 27 or 28 of the Mining Act; and the lease, while giving greater security of tenure to the lessees, enables the Government to insert such conditions as are necessary to protect the surgiving greater security of tenure to the lessees, enables the Government to insert such conditions as are necessary to protect the surfaces of the reserves for the purposes for which they are severally set apart, and at the same time to enforce the proper working of mineral deposits, and the due payment of the rents and royalties reserved. The other Act is designed to enable the Governor by proclamation to cure defects which frequently occur through accident, insufficient information, or inadvertence in taking possession of or applying to lease lands for mining purposes, and will obviate the necessity for refusing applications which but for this Act could not have been granted owing to technical defects. The number of applications to lease Crown lands for mining purposes, made during 1884. viz. 1777. exceeds the number of such applications in 1883 by in 188 applications to lease Crown lands for mining purposes, made during 1884, viz., 1777, exceeds the number of such applications in 1883 by 983. Of the 1777 applications so made, 48! were for auriferous land, 1296 for mineral land. The number of applications dealt with during 1884 was 1423, which, as compared with the number dealt with in 1883-1194, shows an improvement in the working of the branches engaged upon this part of the work of the department, while the number of applications dealt with in 1894, as compared with 1882, shows an increase for the year of 527. Of the 1423 applications dealt with in 1884, 722 were for gold mining, leases comprising an aggregate area of 4788 acres—the number dealt with exceeding the number made during the year by 241—and 701 were for mineral an aggregate area of 4788 acres—the number dealt with exceeding the number made during the year by 241—and 701 were for mineral leases, comprising an area of 27,862 acres. This number, unfortunately, falls far short of the number of applications made during the year. The past year has been an exceptional one as regards the quantity of land taken up for mining purposes; but it has been, and will continue to be, the aim to bring the staff of the department to such a state of efficiency that any such increase of work may be readily overtaken, and only in very exceptional cases shall more, than two months be required to dispose of an application to lease During the year 50,307 acres were applied for under lease for mining purposes. The aggregate area of land applied for to lease in 1884 exceeds the area applied for in 1883 by 28,760 acres. The increase is chiefly due to the large area of land applied for to mine for silver and silver-lead ore, also in a less degree to the increased area for gold and for diamonds. The following table shows the area of silver and silver-lead ore, also in a less degree to the increased area for gold and for diamonds. The following table shows the area of land held under application to lease, 31st December, 1884:—Gold, 2579 acres; antimony, 170 acres; coal, 1965 acres; coal and shale. 420 acres; cobalt, 60 acres; copper, 640 acres; copper and tin, 20 acres; claimonds, 110 acres; galena, 40 acres; lead, 160 acres; manganese, 40 acres; silver, 9955 acres; silver and bismuth, 40 acres; silver, copper, and lead, 520 acres; silver and lead, 19,584 acres; silver, lead, and tin, 680 acres; silver, lead, tin, and copper, 80 acres; silver and tin, 80 acres; silver, lead, tin, and copper, 80 acres; silver and tin, 80 acres; silver, lead, tin, and copper, 80 acres; silver and tin, 80 acres; silver, lead, tin, and copper, 80 acres; silver and tin, 80 acres; silver, lead, tin, and copper, 80 acres; silver and tin, 80 acres; silver, lead, tin, and copper, 80 acres; acres.

The aggregate area of land under application to lease at the end of 1884 exceeds the area so held at the end of 1883 by 17,657 acres.

The aggregate area of and under application to lease at the end of 1884 exceeds the area so held at the end of 1883 by 17,657 acres. The aggregate area under lease at the end of 1884 is less than the area so held at the end of 1883 by 2857a. 2r. 5p. The number of applications under section 28 of the Mining Act, 1874, for permission to mine under reserves received during 1884 was 404, a slight into mine under reserves received during 1884 was 404, a slight increase upon the number for 1883. In view of the Act 48 Vic., No. 10, the number of such applications will probably diminish henceforth. The number of such applications dealt with during the year was 423, less by 95 than were disposed of in 1883.
The following table shows the areas of reserves, &c., comprised in authorities, which were in force on the 31st December, 1884, and the

authorities, which were in force on the 31st December, 1884, and the minerals to be mined thereunder:—Coal, 81,416a.; coal and shale, 15,410a.; shale, 8a. 2r. 32p.; tin, 193a. 3r. 27p.; copper, 25a. 1r. 12p.; copper and silver, 2a. 2r. 16p.; limestone, 10a.; bluestone and gravel, 12a.; cobalt and nickel, 45a. 2r.; antimony, 2a. 1r. 28\frac{3}{4}p.; marble, 5a.; gold, 336a. 3r. 39p.; total, 97,468a. 1r. 34\frac{3}{4}p. The aggregate area held under such authorities in force at the end of 1884 exceeds the area under such authorities at the end of 1883 by 21,293 ceeds the area under such authorities at the end of 1885 by 21,255 acres. In addition to the areas held under leases and authorities respectively, considerable areas are occupied under miners' rights, mineral licenses, and mineral conditional purchases. Fortunately the Crown Lands Act of 1884 has to a very great extent, if not altogether, put an end to the conditional purchase of Crown lands for mining purposes. This cannot fail to have a beneficial effect upon the mining industry, because it will emple the department to enforce the mining industry, because it will enable the department to enforce the labour conditions of mineral leages without fear of the lesses seeking refuge from such action in the purchase of the land.

GEOLOGICAL SURVEY. During the year Mr. C. S. Wilkinson, F.G.S.: F.L.S., inspected the Goulburn districts; coal seams near Meryla and Jordan's Crossing at the head of the gullies which fall into the Shoalhaven; the silver lodes in the Barrier Ranges; the coal measures and iron ore deposits of the Maitland, Branxton, and Singleton districts; the cinnabar deposits on the Cudgegong river, five miles west of Rylstone. A geological examination of the Vegeta' 1s creek district has been completed by Mr. T. W. E. David, who also reported on a coal seam about 30 feet thick at Fraser's creek station, about 14 miles west of the western margin of the Vegetable Creek tin fields. During the year 664 assays and analyses of samples from untried deposits have been made by the department. During the year 130 donations were reviewed for the Mining and Gological Museum, many of them embracing large callections. The number of specimens registered neceived for the Mining and Geological Museum, many of themembracing large collections. The number of specimens registered amounted to 4393, making the total to date 13,762. A collection of specimen of fossil leaves, &c., from the lower tertiary deposits of New England has been forwarded to Professor Dr. Constantin F. Von Ettingshausen, of Graz, Austria, to be figured and described; and small collections of minerals and fossils have been arranged for the Hon. J. Maching. Record and for the Hon. J. Macintosh, M.L.C., the the Technical Board, and for the Hon. J. Macintosh, M.L.C., the latter for transmission to Scotland. It is expected that early next year the department will be able to arrange a typical collection of minerals and fessils for public inspection in a structure now in course of erection at the rear of the head office.

MINING SURVEYS. During the year, 1188 surveys were made for the department by 32 surveyors, of whom six were paid partly by salary and partly by fees, the remaining 26 being paid by fees only. The number of surveys made during 1884, as compared with the number made in 1883,

shows an increase of 568.

DIAMOND DRILLS AND WATER AUGERS.

DIAMOND DRILLS AND WATER AUGERS.

During the past year 13 diamond drills have been employed, as against nine employed during the preceeding year. The total depths bored in 1883 was 6643 feet 73 in., while in 1884 33 bores were put down, the aggregate depths being 9864 feet 3 in. According to the superintendent's report for 1883, the average working cost (including wages, diamonds, material, wear and tear, carriage, and other working field cost of a similar nature) was 10s. 3d. per foot. The average working cost in 1884 was 12s. 10d. per foot. In comparing the cost of boring in one locality, or during one period with another. average working cost in 1884 was 12s, 10d, per foot. In comparing the cost of boring in one locality, or during one period with another, it is difficult to form a correct estimate of the results obtained, as there are so many circumstances to be taken into consideration, such as differences in character, and condition of the stratatobe pleaced, &c.

The so-called working foot. The cost to the -called working cost does not represent the actual cost per foot. The cost to the department, exclusive of additions to plant, depreciation of plant, and interest on capital invested, is 15s. 1°04d. per foot. The cost to the persons for whom the boring was done equals 30s. 5°95d. per foot but in respect of 336 feet bored, a concession. equals 30s. 5-95d. per foot but in respect of 336 feet bored, a concession was made in terms of the regulations, amounting to 153l. 5s. The seams of coal bored through in 1883 equalled in the aggregate 109 ft. 3½ in., while in 1884, 156 feet of coal as bored through. During the year 1884 nine water augers were employed boring for water, and an aggregate 'of 2603 feet have been bored, at a total cost to the department (exclusive of plant, new additions, interest on capital, &c.) of 4834l. 11s. 7d., equal to (say) 1l. 17s. per foot. The superintendent estimates the working cost per foot of bores put down on stock routes at 1l. 7s. 7½d., and the working cost of bores put down for private individuals (who provide some of the labour) at 1l. 0s. 11½d. per foot. The full cost of the former to the department (including cost of constructing tanks, but exclusive of cost of additions to plant, depreciation of plant, and interest on capital) was 2l, 6s. 9½d. per foot, and the cost (as aforesaid) of the latter to the department] was 1l. 3s. 2½d. per foot, and to the persons for whom the work was done (exclusive of the labour they supplied) 10s. 1½d. per foot.

THE ROADS BRANCH.

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THE ROADS BRANCH.

The following is al comparative statement of the work performed in the Roads Branch for the year 1884, 1882, and 1883:—
Number of papers registered: 1882, 4161; 1883, 5260; 1884, 5520.
Number of letters written 1882, 2!46; 1883, 2502; 1884, 2695.
New roads and streets—1882, 194; 1883, 320; 1884, 263. New gates—1882, 83; 1883, 370; 1884, 263. New gates—1882, 83; 1883, 359; 1884, 249. Tracings and books of reference sent away—1882, 160; 1883, 354; 1884, 273.
Besides the above, returns for Parliament are prepared in this brauch; this year they have been large in number compared with other years, and also more voluminous.

MINERAL PROPUCTS. MINERAL PRODUCTS

The value of the output of minerals in this colony for 1884 was 3,003,831L, showing a decrease as compared with 1883, of 201,070L, this decrease being largely due to the low price of copper and the.
The export of minerals in 1883 had reached 2,438,828L, whereas the value of our mineral exports in 1884 was only 2,250,171*L*, showing a decrease of 188,657*L*, due to the causes referred to above. As compared with 1884, the value of the gold raised in 1884 showed a decrease in value of 63,217*L*; silver showed an increase of 3292*L*; coal, crease in value of 03,212.; silver showed an increase of 13,232.; con, an increase of 101,1321.; shale, a decrease of 18,6851.; tin, decrease, 302,9651.; copper, decrease, 161,0221.; iron, decrease, 23361.; antimony, increase, 9031.; bismuth, increase, 21201.; mixed minerals, decrease, 1601.; silver-lead ore, increase, 239,8651.; and manganese, increase, 40l. The aggregate decennial average of 542,673l. rate value of minerals in 1884, exceeds the

It appears that in most of the districts the effects of the late drought seriously retarded mining operations during the first half of the year, and almost entirely prevented any attempt at prospecting; added to this, the discovery of silver lodes in various parts of the colony drew away numbers of miners from many of the gold fields. During the year 1884, the quantity of gold received into the Royal Mint, Sydney, was 104,932-68 czs., against 121.777-38 czs. during the year 1883, the largest contributors being the Lachlan district, 20,452 czs.; Bathurst district, 18,473 czs.; Tumut and Adelong, 14,061 czs.; and Tambarcora and Turon, 11,297 czs.; the next highest being the southern district with 7862 czs. The decrease of gold sent to the Mint during 1884, as compared with the previous year, equals 16,8447 czs. The output of gold exceeds the quantity passed through the Mint by 7655 czs., and the gold yield of 1884, as compiled from the returns furnished by the mining registrars, exceeds that of 1883 by 7435 czs., but it is not probable there was any such increase, which is probably due to the defective returns furnished for 1883. The average yield from alluvial mines for 1884, from 176,494 tons, was 3-66 grs. per ton, the total yield being 1346 czs. 19 dwts. 10 grs. The yield of alluvial mines in 1883 was 4490 czs. 12 dwts. 13 grs. of gold from 24,137 tons, or an average of 3 dwts. 17-30 grs. per ton. The yield from quartz mines in 1884 was 32,979 czs. 4 dwts. 6 grs. of gold from 24,137 tons, or an average of 3 dwts. 17-30 grs. per ton. The yield per ton for 1883 was 14 dwts. 15-78 grs. per ton. The number of miners engaged in gold mining in 1884 was 6548, of whom 103 were Chinese; 4524 were working alluvial deposits, and 1984 quartz. The number of European miners was 337 less than in the preceding year. The average earnings for the year was 17-2 czs. of gold, or 65l. 1s. 1-35d. per man. The low average is credited to preceding year. The average earnings for the year was 172 czs, of gold, or 651. 1s. 1.35d. per man. The low average is credited to the want of water for washing purposes during the first half of the

COAL.

The output of coal for 1884 exceeds that of the previous year in uantity by 227,652 tons, and in value by 101,1351. 7s. This increase quantity by 227,652 tons, and in value by 101,1351.7s. This increase is very satisfactory, as indicating, not only the enterprise of the coalowners, but also an increasing demand. It is also gratifying to find that the price is only a fraction below the price which obtained in 1883, and, with the exception of that year, is higher than it has been since 1879. The Diamond drill is still doing good work in discovering or proving coal in various parts of the colony. The total output of coal from the time of the opening of the coal seams of the colony amounts to 31,313,372 tons, the value being 15,709,291l. The average value per ton up to and including the year 1857 was 11s. 10-72d.: the average price per ton for the years 1558 and 1884, inclusive, was 9s. 11-33d. The output of coal for 1884 was 2,749,109 tons: average value per ton 9s. 5-71d.; total value, 1,303,077l. The the during the state of the sta toral value, 331,0152.; leaving 1,033,340 tons for nome consumption. There has been an increased output in each of the three coal districts, and also an increase in the value thereof, except in the western district, where the increased output was proportionately larger than in the other districts. In the northern district the average price per ton was 9s. 10·16d., whereas in 1883 the price was 9s. 9·24d. In the southern district the average price was 10s. 4d. per ton, as compared with 10s. 0·87d. in 1883. In the western district the price per ton was 5s. 6·29d. as compared with 6s. 8·31d. in 1893. The purpose of was 5s. 5·22d., as compared with 6s. 8·31d. in 1893. The number of coal and shale mines under inspection during 1883 was 54, and 13 opening out, while in 1884 it was 64, and 22 new seams opened out.

opening out, while in 1864 it was or, and as how below the MALE.

Notwithstanding the discovery of kerosene shale at Capertee and elsewhere, there are still only two mines at work—viz., the New South Wales Shale and Oil Company, at Hartley, and the Australian Kerosene Oil and Mineral Company, at Joadja Creek. The output of shale during the year 1894 was much less than that of the previous year, but the average price per ton realised was considerably higher, indeed the price has not been so high since 1889 as it was last year. During 1884 the quantity of shale produced was 31,618 tons, average price 2l. 5s. 7.86d. per ton; total value, 72,176l. The quantity was 17,632 tons less than in the preceding year.

The export of tin in 1884 falls far short of that of the preceding year, and, indeed, is the smallest both as to quantity and value since 1880; but as regards value, it exceeds the average annual export by 20,112%. This depression may be said to be due to the low price of tin. The Mining Act Amendment Act has given great satisfaction, inasmuch as it enables miners to make a more secure title to land masmuch as it enables miners to make a more secure title to land within mining reserves. Notwithstanding the great expense of searching for the deep leads of tin ore on the Vegetable Creek tin fields, many miners have taken up areas of land for prospecting purposes in the hope and expectation that the price of tin will improve. Some of the shafts are more than 150 ft. deep, the greater part of the sinking being through hard basalt rock, containing or overlying large quantities of water. Some of the tin-producing mines have hear weaked out. been worked out. Numerous good lodes are unworked for want of the necessary capital. The total yield for 1834 was 6655 tons 5 cwts. —value, 521,587t.; whereas the yield in 1883 amounted to 9125 tons cwts.—value, 823,552t. The total quantity of tin produced in and been worked out. er, 5 cwts.—value, 824,552t. The total quantity of tin produced in and as exported from New South Wales since the opening of the fields in ch 1872 to the year 1884, inclusive, was 86,728 tons 65 cwts.—value,

The export of copper for 1884, as compared with that of 1883, that a decrease, though it exceeds that of any previous year to 1833, both quantity and value. It, moreover, exceeds in value the average an unal export by 248,340L, and the decennial average by 64,616. The decrease, as compared with 1883, is probably due almost entirely. the low price of copper.

SILVER.

The export of silver for 1884 exceeds that of 1883 in qua by 16,594 ozs. 7 dwts., and in value 32927.; but as none of the ore from the mines in the Barrier Ranges or Emmaville had be elted in the colony, and none of the silver from the Sunny G smelted in the colony, and none of the savet from the sunny con Mine had been exported up to the end of 1884, the above fige furnish no data on which to estimate the progress now being made; silver mining. The silver from the Sunny Corner Mine will be Ranges), or a large proportion of it, has been sent to Europe treatment, and is supposed tobe included in the export of silverds treatment, and is supposed tope included in the export of silver-le ore (though both quantity and value are much underestimated), a down at 9167 tons 11 cwts., valued at 241,9404, being 9061 tons cwts., valued at 240,3154, more than was exported in 1883. Them spects of the silver mining industry appear to justify the belief the spects of the silver mining industry appear to justify the belief the this colony will, at no distant date, become one of the great silve producing countries of the world. A number of assays were and during the year, some of them giving extraordinary rich return Forinstance there are no fewer than eight assays, each giving uppear. of 1200 ozs. of silver to the ton, two Silverton mines heading the with 16,294 ozs., 21 dwts., and 12,413 ozs. 6 dwts. respectively IRON.

But little progress has been made during the year in respect of iron industry. A great number of assays have been made, the procentage of metallic iron ranging as high as 64.48 the lowest being the contract of the contract

ANTIMONY, MANGANESE, AND COBALT.

There is a slight increase in the quantity and value of antimon exported during 1884, as compared with 1883. Several satisfactor analysis were made during the year.

A deposit of cobalt, which is likely to become a permanent industry.

being worked near Bungonia.

Two leases have been taken at Back Creek, near Rockley, form anese. Already 200 tons have been sent to London from these min Several analysis have been made during the year. DIAMONDS.

At Doctor's Creek, Bingara, the Australian Diamond Mining Company obtained 1193 diamonds. weighing 254 carats, worth 25a carat, while the water supply lasted. They raised 5000 tons of diamondiferous drift, but were able to wash only 418 loads, when its supply was exhausted. Messrs. Powell and party succeeded in findige the drift, and Messrs. Craddock and party had good-looking was a small trial of half a lode of which gave 17 diamonds. Mesn Dempsey and party have 6 feet of wash containing diamonds, but not them can wash for want of water. Diamonds have been found the Tinhya division, near the Big River. Auburn Vale: they and the Tinhga division, near the Big River, Auburn Vale; they are at to be abundant and of good quality, but the appliances in use at most defective. Diamonds have also been found in patches in the Berrima district, and also in the Mudgee district. There are indigently the state of the state o ions of this branch of mining assuming an importar hitherto been attached to it.

Large consignments of slate are expected to reach Sydney when the railway line shall have reached Gundagai, and there are always aluable slate deposits in the Bathurst district awaiting develop

The report concludes with a list of various analysis made deri the year, and a summary of the product and value of the raised in the colony up to the end of last year.

THE BALKIS COMPANY (LIMITED).

Mr. J. E. MEARS has issued the following to the shareholder Gentlemen, as Lord Robert Montagu, the Chairman of the come tee of Investigation, has sent you his pamphlet corroborating statements as to the way the affairs of the company have he managed, I should not have again addressed you, but I am of opin that no advantage will accrue to the shareholders unless the ensures now made are followed up by some definite action on the pof the independent members, who may not wish the new company be saddled with the unjust, excribitant, and improperly acquiprofits made by Col. McMurdo during the Chairmanship of Mockford, estimated both by Mr. Jeffreys and Lord R. Montag 490,0001, which amount the shareholders should take steps to be refunded. Without wishing in any way to impute unworthy moi either to the liquidators or the proposed directors of the perm either to the liquidators or the proposed directors of the new or pany, I beg to point out that these gentlemen are, with one et tion (Dr. Bishop), nominees of the old board, and were noted by independent shareholders in the interest of the general be by independent shareholders in the interest of the general body members, as comparatively few shareholders were present at last meeting. After the exhaustive reports of Lord R. Montagua Mr. Jeffreys, it is unnecessary for me again to call your atentic any particular transactions when every contract is open to the South African syndicate shares for the enormous sum of 732,81 and the non-transfer of any land by Colonel McMurdo, as stiplist in his agreement of the 6th September, 1883, or any property to present this enormous sum, except a subscription of 21,700L, and evasion of Mr. Mockford and Colonel McMurdo to subscribe the same amount per share as that imposed upon the other sharebold. same amount per share as that imposed upon the other sharehs of the syndicate, call for a large restitution by these two gentle. The same remark applies to the exorbitant profits made withre to the Esterling and Grasskop properties, which have not been ferred to the company, although the full purchase-mon paid. I repeat I have no wish to delay the re-construc-company—having come to England for that purposetheless, some steps should be taken to prevent the new company in taking over onerous burdens and unjust liabilities that will faically cripple it. The proposed contract provides that the liabilities that the liability of the Balkis shall be taken over by the new company, and reholders should take care that the directors do not exchain debentures that have been improperly issued by the old com-lands not duly transferred to them, otherwise the lands not duly transferred to them, otherwise the company will be saddled with so many worthless detures of the old company in exchange for valuable shared the new, unless the properties are legally transferred and a tered in the Transvaal in the name of the new company. I shall, therefore, be glad to receive the names of those is holders who are willing to co-operate with me and others in tecting their joint property. As no doubt you have received a holders who are willing to co-operate with me and others my tecting their joint properly. As no doubt you have received a of the Financial News of the 15th inst., sent at the expense the company, containing an account of the meeting, as given Mr. H. H. Marks, the editor thereof, which contains states with respect to myself which are not true, I take this opports of sending you a copy of a letter I have written to Mr. Marks would also call your attention to the fact that neither the Chair Col. Maileson, nor Mr. Marks, answered, aeriatim, the charge made in my circular of the 10th, but only unjustly abused me sonally for having been the means of the committee being appear and investigating the allegations I made to them, and alternate the thareholders, which have been amply corroborated by by to the shareholders, which have been amply corroborated by R. Montagu and Mr. Jeffreys.

"13, Porchester Gardens, Queen's-road, Bayswater, W. 22nd August, 1885

"H. H. Marks, Esq., 6, St. Swithin's-lane, E.C.

"Sir,—At a meeting of the shareholders of the Balkis Comp.
(Limited) held on the 14th inst. you made certain all equits in 18 me which at the time I emphatically denied, and which I are reiterate are untrue; but as you undertook to substantiate these 'at any time, at any place, and in any way,' I now call upon you meet me at the office of my solicitor, Mr. H. C. Barker, & figure 1. C. Barker, & figure 2. Court, Old Broad-street, E.C., on Tuesday next, the 25th inter-

INSUR Messrs. W as follows Leadon h Fire Insur Marine, 4 Marine, 8 TRAM'S WH. ARREST The

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12 colock at noon, and prove that 'I was practically a bankrapt in the Transvaal; that I am an emissary of bankrapt in that my object in exposing the undue and Mr. Hollard; that my object in exposing the undue and excessive profits made by Colonel McMurdo and others (since corroborated by Mr. Jeffreys and Lord Robert Montagu) is solely to oproborate by Mr. Jeffreys and Lord Robert Montagu) is solely to oproborate by Mr. Jeffreys and Lord Robert Montagu) is solely to oprock the Balkis Company; that I induced Mr. Mockford to advance 4500% on the farms I sold to the company, and that I am an adventurer. I also call upon you at the same time and place to produce the letter from which you gave garbled extracts to the meeting, and which, I presume, is one I wrote the solicitor of the company. adventure.

dace the letter from which you gave garbled extracts to the meeting,
dace the letter from which you gave garbled extracts to the meeting,
and which, I presume, is one I wrote the solicitor of the company,
Mr. Gurney, dated 27th May, 1844, and if so, I request to be informed
under what circumstances you became possessed of the same, as Mr.
Garney was also acting as my solicitor. I beg to acquaint you I
shall use this letter in evidence hereafter if necessary.—Awaiting
you reply, I remain, &c.,
your reply, I remain, &c.,
I have not received any reply to this letter, nor did Mr. Marks
I have not received any reply to this letter, nor did Mr. Marks
keep the appointment and fulfil his undertaking to prove his allegations. The letter from which Mr. Marks quoted his garbled extract at the meeting, and on which he based his argument that I was
an emissary of Mr. Hollard, was one written in good faith by me to
t, Garney, the solicitor of the company, who was also acting for me

tract at the meeting, and on which he deserms argument that I was an emissary of Mr. Hollard, was one written in good faith by me to Mr. Gurney, the solicitor of the company, who was also acting for me at the time, and from whom I have received the following copy:—
"Sunny Side, Pretoria, May 27th, 1894.
"My DEAR Mr. Gurney,—I am in receipt of your letter dated 24th April, stating that you are working in the matter of my lands. You will see from the enclosed receipt that I have done all that is requested of me, and that it is only the money for expenses that is wanted. I shall, I think, be able to transfer the farms direct without passing them first to Mr. Mockford, thus saving him the dues. As soon as I arrived in the colony I communicated with the Registrar of Deeds, who is a personal friend of mine, with regard to the expenses of transfers of my properties to the Balkis Company, and also with regard to the charge of registration of Grasskop, they will only have to pay 4 per cent. upon the actual cash and not upon shares and debentures. I do not remember what the amount paid in cash was for Grasskop, but believe it to be about 20,0002, which, shares and debentures. I do not remember what the amount paid in cash was for Grasskop, but believe it to be about 20,000*l.*, which, at 4 per cent. would be 800*l.* if deposited with the Registrar within sit months; if not, it would be double. But anyway, it is a considerable reduction of what Mr. Hollard stated to be necessary—about 20,000*l.* I communicated this to Mr. Keat in Protestary. siderable reduction of what Mr. Hollard stated to be necessary—about 20,000%. I communicated this to Mr. Keat in Pretoria, who said that it must be a new law. He also said that if the Balkis Company did not fulfil their contract to the very letter that they would never have Grasskop in their name, and that he would at any moment gladly return them any money they had paid. That if the shares did not fetch 100 per cent. premium they would be losers. I hear from a Mr. Davis, just arrived from Lydenburg, that Benjamin's coole are trying to buy it: that the Balkis machinery had arrived. hear from a Mr.Davis, just arrived from Lydenburg, that Benjamin's people are trying to buy it; that the Balkis machinery had arrived, and that they had not money to pay the transport. It would be a great pity and loss should they lose Grasskop. It is, I believe, the best gold property in Lydenburg district. I am surprised at not hearing from Colonel McMurdo. I wrote him from Madeira, and immediately I arrived in the colony I wired him that the lands he told me he had bought from Moodie had turned out exceedingly rich. I like him, and would gladly do anything in my power for him. Kindly tell him that I have made enquiries with regard to his Farm Esterling. I went to Potscheff Stroom to see a Mr. Cameron, a countryman of his, who took his Transvaal gold finds to America; the locate the form well, and says that Esterling, in good hands, is a countryman of his, who took his Transvaal gold finds to America; he knows the farm well, and says that Esterling, in good hands, is agood a gold property as any; the only thing wanting is water, and that want could be overcome by a reservoir. There is still a quantity of machinery to be had if it is looked after; some of it was sold in Pretoria, but the party who sold it is still here. Park and lagna-farren all moonshine. The people are inclined to be dissatisfied with the transactions of their deputation, and I fear we shall have some difficulty in getting the Volksrood to confirm it; we shall see; 'all's well that ends well.'—With kind regards, I remain, yours faithfully,

J. E. MEARS."

"Could not get enclosures before. I send them for your perusal;

faithfully,

"Could not get enclosures before. I send them for your perusal; after doing so, please post them to R. A. Fairclough, II, Edmundplace, Aldersgate-street, E.C., who holds my general power of attorney, and will then be able to receive the shares, and will hand you

McDonaids."

Heave it to any impartial man to say whether the foregoing letter bers the interpretation put upon it by Mr. Marks.

In the Financial News of the 25th inst., sent to me—and, I presume, to all the shareholders, at the expense of the company—an attack is made upon Lord Robert Montagu, the greater part of which less not bear upon Balkis affairs at all. Mr. Marks, as the champion of the company instead of showing in what way Lord Robert does not bear upon Balkis affairs at all. Mr. Marks, as the champion of the company, instead of showing in what way Lord Robert Montagu's circular is erroneous, simply states it is false and misleading. At the second meeting of shareholders, when the committee submitted their report, Lord Robert Montagu, as Chairman, speaking in the presence and on behalf of his colleagues, said: "We find that several contracts had been made adverse to your interests (amounting even to laches), contracts which, after we have vercome our present embarrassments, will certainly call for minute avestigation. Such investigation may lead to important modifica-ions of the contracts which may conduce materially to your benefit." The shareholders are much indebted to Lord Robert Montagu for The shareholders are much indebted to Lord Robert Montagu for the trouble he has taken to investigate the company's affairs, and they should continue to support him in the efforts he is making in their interests. I have ascertained that the secretary of the company, Mr. Horne, who has been in the Transvaal in order to arrange with Mr. Hollard for the registration of the Grasskop Farm, and also visited and inspected the said property, arrived in England on the 12th inst., the day before the last shareholders' meeting, but as the directors made no reference to this gentleman, I presume they will submit, at the meeting on the 1st September, a report of the result of his mission to the colony, for the information of the shareholders, and state if it is true that he has resigned his appointment as secretary to the company. pointment as secretary to the company.

DISCREPANCY IN SHARE VALUES.

TO THE EDITOR OF THE MINING JOURNAL.

812,—There are so many discrepancies in the value of mining shares that I wish to point out to mining adventurers the following:— WHEAL AGAR MINE.

Paid dividend in March last 2s. 6d. per share.

Will pay dividend in September 7 6 "And leave a much larger balance to the credit of the mine than Wheal Agar. The value of shares in market to-day is 111. per share. Being a shareholder in both mines I really cannot understand why frenvilles should not be worth 201. per fathom. Perhaps some of Journaumerous subscribers can explain the reason.

A CONFIDENT HOLDER IN TIN MINES.

GAS SHARES.—The principal business in these shares, according to this rening's report of Messrs. W. L. Webband Co., of the Stock Exchange and Ench-lane has been:—Bombay. 7 to 74; Brentford Consolidated, 225 to 24%; Brighton and Hove, 39% to 39%; Buenos Ayres (New), 13% to 13%; Consessal Union, Seven per Cent., 33; Gas Light, A., 237% to 238%; ditto, C. D., and A., 259; ditto H. 155; ditto, Flour per Cent., Debentiar, 216 to 217; Metropolitan of Melbourne Five per Cent., 107%; Monte Visca, 178; kilo de Janeiro, 23% to 23%. Gas stocks steady.

IBURANCE SHARES have, according to this evening's report of Muna, W. L. WEBRANCE CO., of the Stock Exchange and Finch-lane, been dealt in Indions:—Aliance British and Foreign, 38%; Aliance Marine, 23; City of Leson Marine, 1 to 1½; City Fire, ½ to %; Commercial Union, 15½; Fire inserts, ½ to 1½; City Fire, ½ to %; Commercial Union, 15½; Fire inserts, ½ to 1½; Suardian Fire, 57½ to 58½; London and Provincial Marine, 210 ½. Insurances quiet, and little doing.

Transcription of the State of the St

TRAMWAYS.—The closing prices of this evening, as quoted by Mr. ws. ascorr. of Tokenhouse-ward, are given in tabular form in the Stock and Burg List Page of the Journal.

CORNISH TIN MINING-GREAT VOR DISTRICT.

Now that an improved and apparently advancing price of tin no doubt the spirit of investment will soon be found to extend itself in all directions, and the general feeling of capitalists will be wonder that an industry almost solely confined to three places in the whole world and of these the set investment (Comparall). in the whole world, and of those the most important (Cornwall) should simply, from the fact of temporary depression of the should simply, from the fact of temporary depression of the market price of the metal, be allowed to sink to so low an ebb, if not to be almost entirely lost sight of at the most important seat of commercial enterprise. Practically the inportant seat of commercial enterprise. Practically the investment markets have latterly ignored entirely the existence of the tin mining industry, while considerable capital has been offered in the markets at a rate of interest so low that it produced a return that scarcely repaid the trouble of transfer. However, all things have their value, which has been clearly proved in respect to the tin-producing industry, many proporties having rises in the market some haddeds are controlled. clearly proved in respect to the tin-producing industry, many properties having risen in the market some hundreds per cent., having previously, simply from neglect, fallen far below what is their real value even under the most unfavourable commercial circumstances. The produce of tin is by no means increasing, and even in the present depressed state of the manufacturing world the supply is not equal to the demand, hence the late advance in the market value of 15 to 20 per cent.; but those who have been connected with commerce are aware that even the present is by no means so high a price as ruled some few years since, when Cornwall produced very much larger quantities of metal. Therefore, it may fairly be anticipated that with advancmetal. Therefore, it may fairly be anticipated that with advancing commercial prosperity and the exhaustion of mining fields a much more advanced price may reasonably be expected for tin, if not for other metallic minerals, and that those who are fortunate enough to have taken advantage of the depression, and secured properties or interests in properties producing this particular metal, will no doubt at an early date be in a position to realise very large profits on their investments, and may realise in some instances those more than ordinary returns of interest which rendered such ventures so desirable in times past. It may and probably will be suggested that the chances of securing such prizes as those formerly to be met with in tin mining are reduced to a minimum, from the simple fact that the richer districts that have been so from the simple fact that the richer districts that have been so thoroughly worked, in consequence of their enormously rich produce, are now almost entirely exhausted; and this to some ex-tent must be admitted, although it is too sweeping a statement to be fully conceded when we see one of the oldest of all tin-producing districts returning from one mine alone more tin than is produced by all the mines together in many districts of greater area. But it must not be imagined that the whole of the tinproducing districts in Cornwall are exhausted; on the contrary, it is an undoubted fact that many districts known to produce tin have not yet been developed, and others again that possess all the features that have been presented by the most successful and remunerative districts still remain to be explored, and it and remunerative districts sum remain to be exported, and it is in these that will be found the prizes of the future. Without at the present moment going into particulars of the many localities in the different parts of Cornwall that in the future will supply the places of the former and present localities rich in the produce of tin, it will suffice to allude to one to which the attention. produce of tin, it will suffice to allude to one to which the attention of the writer has more particularly been called, not that many others may not be equally valuable, but because it is one that so far as developed has been immensely rich, and in which there is a very large area of ground yet to be explored, and to which during the past year or two some attention has been paid by persons experienced in tin mining. It will be remembered by all whose experience of mining and mining matters extend over a period of 25 or 30 years and upwards that the mining industry of Cornwall has periodically, but with very great regularity, undergone periods of great activity alternately with times of the utmost gone periods of great activity alternately with times of the utmost depression, and perhaps in no instance has the length of unfavourable periods exceeded that which has now been passed over. But there are at length signs of change, and the improved market value of tin will probably give the impetus necessary to bring about that desirable change that would be so beneficial to the industrial classes of the county as well as to the investor, and perhaps the good effect will be felt in the particular district before referred to as soon as in any in Cornwall. The Great Vor district has been one of, if not positively, the richest tin-producing districts in the whole world, and there was a time when it stood district has been one of, it not positively, the richest tim-producing districts in the whole world, and there was a time when it stood pre-eminent in the produce of tin. In the centre of the district the granite hills of Godolphin and Tregonning rise from the midst of an immense bed of clay-slate, giving that junction of geological formations which has been associated with all the greatest tormations which has been associated with all the greatest successes in Cornish tin mines. There are lodes almost without number traversing the ground in various directions, forming many junctions with and intersections of each other. Many of these lodes have been found rich at and near to the surface, more so lodes have been found rich at and hear to the surface, more so than in many other localities, and, in consequence of the rapid rise of the hills, the lodes have been worked profitably as well as very extensively by the means of adit levels. The richest mines of this district were the one from which it takes its name—Great Wheal Vor—the Godolphin, and Great Work; and it would be superfluous to give in this place statistics which are so well known, and have been again and again published in works pertaining to British mining. It will, however, not be out of place to allude british mining. It will, however, not be out of place to antice to or to point out some of the most promising of the mines that have been carried on at considerable sacrifice of capital during the lengthened period of depression, which now happily appears to be approaching a termination. In alluding to or giving particulars of the various mines it must be understood that the writer is unbiassed in giving his opinion, and is not a proprietor in any one of the properties mentioned, the sole object of the in any one of the properties mentioned, the sole object of the communication being to draw attention to the value of the particular district which has formerly been so particularly productive, and which probably will again take a leading position amongst the tin-producing districts of the county.

West Godolphin will probably become a prominent mine in the market at no distant date, and when it is considered that this mine has had more than one period of success, together with its present financial position and the very favourable reports that are being issued of the produce and prospects of increased output, it is certainly a matter of surprise that the shares should stand at so low a figure as they do at the moment; the mine paying costs or nearly so, provided with pumping, drawing, and dressing machinery, and every other appliance necessary for enrying on its business and returning its produce, even should that produce be increased to double its present amount, several lodes being worked which are not only well known productive lodes but have at shallower depths than the present workings been found to be extremely rich in tin, and with the prospect at any moment of one or more of the levels being driven into whole ground entering upon new bunches of tin, surely the mine is worth more than the value success together with poriod of new bunches of tin, surely the mine is worth more than the value of the engines and plant upon it. In forming an opinion of the prospective or speculative value of this property it should be remembered that the shares at one period of the mine's prosperity stood at 7l. each, and that the mine from the produce of the lodes at very shallow depths realised sufficient in the space of two years to pay the proprietors no less than 300 per cent. on their outlay—or, in other words, paid back in two years the whole of the capital then expended three times over—since which the property has been worked with varied success, but the low price of tin has tended greatly to keep it in the background, but bunches

of tin have been reported as worth 501, and 801, per fathom. The vicissitudes of mining and their effects are particularly well expressed by the history of this mine. When a fair and remuneraprominently forward in the list of valuable undertakings, and in times of depression and low prices of metals it has scarcely been heeded except by the few far-seeing speculators and investors, who have invariably benefited by holding on to the shares during the depression; nor can the extreme variations in the value of this mine be wondered at when the great changes in the wards of this mine be wondered at when the great changes in the market value of its produce are considered, and within the experience of the writer, who, as before stated, has some considerable knowledge of this mine and district, the price obtained for the black tin or tin ore produced from West Godolphin Mine has varied to such an extent produced from West Godolphin Mine has varied to such an extent as to upset all reasonable calculations of the most cautious investors—selling at one time for as much as 90% and at another time as little as 30% per ton, the present value being below the average of those two extremes. The improving prospects and output of the mine, the low price of labour and materials, and the almost certain increase of the price of tin all tend to make this mine worthy the attention of anyone inclined to interest themselves in this class of investment. Immediately adicining the West. in this class of investment. Immediately adjoining the West Godolphin on the north is the East Tregembo, which has the caunter lode of the former mine passing through it, and contains many other equally productive lodes, which are at present being worked under the most favourable circumstances by means of adit levels extended into the high ground from the valley beneath. Anyone having read the reports that have been issued during the past two years of depression, and having noted the values placed upon the tin ground passed through by the various levels, can come to no other conclusion than that this is also a property of great prospective value, and well worth attention. A circumstance of the utmost importance and greatest value in connec-tion with this as well as the first mentioned mine is the possession of water-power for dressing the tin, which, saving steam-power, enables the operations of preparing the produce for market to be carried on with great regularity and at much less expense than in mines not so favourably supplied.

in mines not so favourably supplied.

To the west of West Godolphin, and possessing all the champion or east and west lodes of that mine, is the Tindene Mine, which formerly was worked under the title of the West Great Work, and in reviewing the various properties of this district, must by no means be passed over. Like West Godolphin it possesses all the features that have been associated with the greatest successes of Cornish mining. It has been quietly and continuously worked during the past three years by a small company of investors, who have been particularly successful in their operations, and following the courses of the lodes worked upon in the adjoinand following the courses of the lodes worked upon in the adjoining mine, and taking advantage of the discoveries made by their ing mine, and taking advantage of the discoveries made by their neighbours, have succeeded in laying out a mine which cannot well fail to become a great success when it is provided with adequate pumping and dressing machinery to follow in depth the rich lodes which are laid open at surface, and as deep as the prospecting engine would enable the men to work. In one part of specting engine would enable the men to work. In one part of this property a lode has been explored by two levels to a depth of 23 fms., and has been valued by the manager and others as worth from 51. to 401. per fathom, and at an average, for the whole distance driven through, of fully 121. per fathom. This ground will be taken away by stoping at about 21. per fathom, so will prove highly profitable; but machinery must be provided to work effectually before profit can be realized. Other lodge, in to work effectually before profit can be realised. Other lodes in different parts of the property have been explored by adits, and have been found to be equally promising; but the adits being shallow, no great extent of work can be performed without machinery. No doubt the proprietors who have displayed so great enterprise in carrying on the works of exploration for so long a period without selling any portion of the produce, and without taking away any of the tin discovered in the shallow workings, will soon produce the machinery, when they will be orgalized. will soon procure the machinery, when they will be enabled to make regular returns, and at once realise the full benefit of their produce by obtaining a much higher price for their tin than they would have received had they taken away and sold it at the time it was discovered and raised. The market value of the shares is low considering the prospects of the undertaking, and certainly should advance with the price of tin. Another property in this district is Mounts Bay, upon which much energy has been expended for some considerable time past. Much has been done with a view of draining the old workings without much success; but latterly the company has done more in exploring new ground, and it would appear that a success had been obtained, as the and it would appear that a success had been obtained, as the manager reports that the one lode from which returns are being made is of very considerable value, and its produce is paying the costs of working the mine. These remarks must not be concluded without one word of further allusion to the celebrated Old Great Wheal Vor and Wheal Metal, the latter of which is now again taken up by one of the leading firms in London, who have commenced operations on that part of the property known as Wheal Metal and Flow; some machinery has been erected, and a portion of it has commenced upwing with successful results. and a portion of it has commenced running with successful results, and no doubt particulars in a more extended and detailed form will be forthcoming; in the meantime the affairs are under the control of promoters so eminently qualified to bring any mining enterprise to a successful issue, that no surprise will be exhibited should this undertaking prove to be all that the most favourable anticipations respecting it have predicted.

ALTHOUGH negociations have during the past few days been taking place between the directors of Sir W. Armstrong, Mitchell, and Co. and the representatives of the workmen, no step has been made towards a settlement of the dispute at the Elswick Works. The masters have replied **erriatim* to the charges against Messrs. M*Donmell and Brown, managers, and they offer to refer the question whether or not these charges have been made out to any three gentlemen accustomed to weigh evidence. To this the men have sent in a rejoinder, in which they maintain the accuracy of the charges, and here for the present the matter remains.

CORNWALL.

MR. MAY is instructed by the Directors of the South Caradon
Mine (Limited) to OFFER FOR SALE BY AUCTION in One Lot, at the
Auction Mart, Tokenhouse Yard, in the City of London, on WEDNESDAY,
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bench, &c., connected; 7 inch ditto 3 cwt. steam hammer with boller and fittings.

Powerful stone breaker, with 30 feet water wheel and 3½ inch shafting, Barrow rock drills, water wheel and jigging machines, 10 ton weigh bridge, about 1000 fathoms pumps, 6 to 41 inches square, with strapping plates, &c., shaft balance and angle bobs, 500 fathoms air tubes, 800 fathoms steel wire rope, over 3000 fathoms tram rails, undergound and at surface, 500 fathoms ladders, skip roads and skips, fitting shop, turning lathes, smiths' tools, dressing machinery, with every requisite for carrying on this large and extensive mine, all in full working order.

For further particulars and conditions of sale apply to the Secretary, Mr. W. J. LAYINGTON, 95, Dashwood House, New Broad-street, E.O.; to Capt, GEORGE on the Mine; to the Auctioneer, Liskeard, Cornwall; or to G. J. BATTERS, Esq., Solicitor, Crown Court-buildings, Old Broad-street, London.

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(Signed) A. LICCIONI, President. (Signed) VICTOR J. GRILLET, Treasurer.

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BRISTOL. on THURSDAY. September 17th, in the NEW

The School will assemble on THURSDAY. September 17th, in the NEW BULLDINGS, in UNITY STREET.

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I.—A PRIMARY OR PREPARATORY DEPARTMENT for boys not less than nine years old.

I.—A PRIMARY OR PREPARATORY DEPARTMENT for boys not less than nine years old.
II.—A SECONDARY DEPARTMENT for boys not exceeding 18 years of age, subdivided into.
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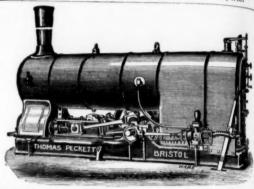
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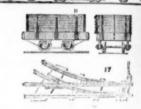
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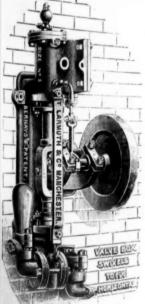
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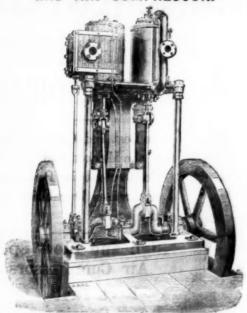
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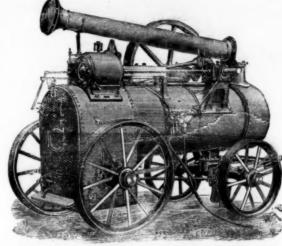
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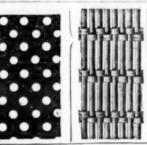
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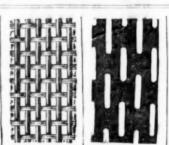
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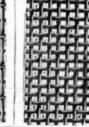


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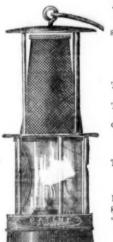
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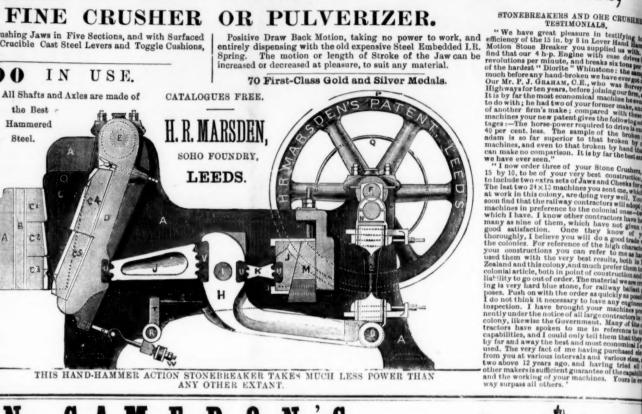
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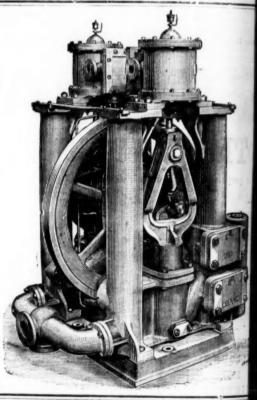
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